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THE CANADIAN PATENT OFFICE RECORD
LA GAZETTE DU BUREAU DES BREVETS

Johanne Bélisle
Commissioner of Patents

Johanne Bélisle
Commissaire aux brevets

The Canadian Patent Office Record is published on Tuesday of each week under the authority of the Commissioner of Patents, Ottawa-Gatineau, Canada, to whom all communications should be addressed.

La Gazette du Bureau des brevets paraît le mardi de chaque semaine sous l'autorité du Commissaire aux brevets, Ottawa-Gatineau, Canada, à qui doit être adressée toute correspondance.

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Table of Contents
Table des matières

Notices
Avis 1

Canadian Patents Issued
Brevets canadiens délivrés 24

Canadian Applications Open to Public Inspection
Demandes canadiennes mises à la disponibilité du public 108

PCT Applications Entering the National Phase
Demandes PCT entrant en phase nationale 132

Canadian Divisional and Previously Unavailable Applications Open to Public Inspection
Demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant 223

Index of Canadian Patents Issued
Index des brevets canadiens délivrés 235

Index of Canadian Applications Open to Public Inspection
Index des demandes canadiennes mises à la disponibilité du public 248

Index of PCT Applications Entering the National Phase
Index des demandes PCT entrant en phase nationale 252

Index of Canadian Divisional and Previously Unavailable Applications Open to Public Inspection
Index des demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant 268

Notices

1. Dates and Code Numerals Appearing in Patent Headings

Dates

All dates appearing in the patent headings of this publication follow the form recommended by the International Standards Organization. The four digits on the left represent the years followed by two digits each for the months and the days. For example, January 02, 1999 will be shown as 1999-01-02.

Code Numerals

The numerals within the brackets in the patent headings are INID codes. "INID" is an acronym for "Internationally agreed Numbers for the Identification of Data". These codes are utilized to identify patent bibliography as recommended by the Permanent Committee on Industrial Property Information (PCIPI) under the administration of the World Intellectual Property Organization (WIPO) based in Geneva, Switzerland.

The INID Codes and their corresponding definitions of bibliographic data elements are as follows:

[11] - Number of Patent document
[13] - Kind-of-document code
[21] - Number assigned to the Application
[22] - Date of Filing Application or
[22] - Date of filing of related divisional application
[25] - Language in which the published application was originally filed
[30] - Data relating to priority under the Paris Convention

[41] - Open to Public Inspection Date
[45] - Date of Issue
[48] - Correction Date (Re-Issued, Re-Examined)
[51] - International Classification
[52] - Domestic Classification
[54] - Title of Invention
[60] - Related by Supplementary Disclosure
[62] - Related by Division
[64] - Related by Reissue
[71] - Name(s) of Applicant(s)
[72] - Name(s) of Inventor(s)
[73] - Name(s) of Grantee(s)
[85] - National Entry Date
[86] - PCT International Filing Data
[87] - PCT International Publication data

Avis

1. Dates et chiffres de code figurant à l'entête des brevets

Dates

Toutes dates figurant aux entêtes des brevets de cette publication suivent la forme recommandée par l'Organisation des normes internationales. Les quatre chiffres de gauche représentent les années et sont suivis, vers la droite, de deux autres chiffres chacun, pour les mois et les jours. Le 2 janvier 1999, par exemple, sera représenté par 1999-01-02.

Chiffres de code

Les chiffres à l'intérieur des parenthèses aux entêtes des brevets sont des codes INID. Le sigle « INID » signifie « Identification numérique internationale des données bibliographiques » Ces codes sont utilisés pour l'indentification de la bibliographie de brevets, tel que recommandé par le Comité permanent chargé de l'information en matière de propriété industrielle (PCIPI), sous l'administration de l'Organisation mondiale de la propriété intellectuelle (OMPI), sise à Genève, Suisse.

Les codes INID accompagnés des définitions des données bibliographiques correspondantes sont comme suit :

[11] - Numéro du brevet
[13] - Désignation du type de document
[21] - Numéro attribué à la demande
[22] - Date du dépôt de la demande ou
[22] - Date du dépôt de la demande divisionnaire apparentée
[25] - Langue dans laquelle la demande publiée a été initialement déposée
[30] - Données relatives à la priorité selon la Convention de Paris
[41] - Date de mise à la disponibilité du public
[45] - Date de délivrance
[48] - Date de correction (Redélivrance, Réexamen)
[51] - Classification internationale
[52] - Classification nationale
[54] - Titre de l'invention
[60] - Apparenté par divulgation supplémentaire
[62] - Apparenté par division
[64] - Apparenté par redélivrance
[71] - Nom(s) du (des) demandeur(s)
[72] - Nom(s) de(s) l'inventeur(s)
[73] - Nom(s) du (des) titulaire(s)
[85] - Date d'entrée en phase nationale
[86] - Données du dépôt international selon le PCT
[87] - Données de publication internationale selon le PCT

2. Country Code

The Country Codes appearing in this publication conform to those contained in annex A of the *Handbook on Industrial Property Information and Documentation* published by the World Intellectual Property Organization (WIPO). This document is accessible from a link entitled Standards ST-3 on the List of WIPO Standards, Recommendations and Guidelines (Abbreviated Titles) located on the WIPO Web site: (www.wipo.int/scit/en/standards/standards.htm).

2. Code des pays

Les Codes des pays qui se trouvent dans cette publication sont conformes à ceux dans l'annexe A du *Manuel sur l'information et la documentation en matière de propriété industrielle* publié par l'Organisation Mondiale de la Propriété Intellectuelle (OMPI). Ce document est accessible à partir de l`hyperlien intitulé Normes ST-3 dans la Liste des normes, recommandations et principes directeurs de l'OMPI (Titres abrégés) qui se trouve au site Web de l'OMPI: (www.wipo.int/scit/fr/standards/standards.htm).

3. How to Purchase Paper Copies of Canadian Patents and Canadian Applications Open to Public Inspection

Paper copies of all other Canadian Patents and Canadian applications open to public inspection may be purchased at the cost of $1 per page by visiting (www.strategis.ic.gc.ca/patentsorder) or by writing to the Commissioner of Patents, Ottawa-Gatineau, K1A 0C9.

Item 25.1* On requesting copy in electronic form of a document:	N/A
a) for each request	$10
b) plus, for each patent or application to which the request relates	$10
c) plus, if the copy is requested on a physical medium, for each physical medium requested in addition to the first	$10
d) plus, for each additional 10 megabytes or part of them exceeding 7 megabytes	$10

3. Comment acheter des copies sur papier de brevets canadiens et de demandes canadiennes mises à la disponibilité du public

Les copies sur papier de tous les autres brevets canadiens et des demandes canadiennes mises à la disponibilité du public peuvent être achetées au coût de 1 $ par page en visitant notre site Web (www.strategis.ic.gc.ca/brevetscommande) ou en écrivant au Commissaire aux brevets, Ottawa-Gatineau, K1A 0C9.

Article 25.1* Demande d'une copie d'un document sous forme électronique :	S.O.
a) pour chaque demande	10 $
b) pour chaque demande de brevet ou brevet visé par la demande	10 $
c) dans le cas où le document doit être copié sur plus d'un support matériel, pour chaque support matériel additionnel	10 $
d) pour chaque tranche de 10 méga-octets qui excède 7 méga-octets, l'excédant étant arrondi au multiple supérieur	10 $

4. Orders for Patents by Class or Sub-Class

A listing of all patents that have issued in each class or sub-class including both patents in force and expired patents, may be ordered at a price of $1 per page from the Patent Office.

4. Commande de brevets par classe ou sous-classe

Les listes de brevets délivrés dans chaque classe ou sous-classe, incluant les brevets en vigueur et ceux ayant expiré, peuvent être commandées auprès du Bureau des brevets au prix de 1 $ la page.

5. Advice on Making a Patent Application

Any person intending to file a patent application may obtain an information kit upon request from the Commissioner of Patents, Ottawa-Gatineau, Canada K1A 0C9. It is recommended that applicants make use of the services of a registered Patent Agent. A list of Patent Agents in any area of Canada will also be supplied upon request.

5. Conseils relatifs à la préparation de demandes de brevets

Toute personne qui a l'intention de déposer une demande de brevet peut obtenir une trousse d'information sur demande faite au Commissaire aux brevets, Ottawa-Gatineau, Canada K1A 0C9. On recommande aux demandeurs d'avoir recours aux services d'un agent de brevets inscrit au registre. Une liste des agents de brevets dans n'importe quelle région du Canada sera également fournie sur demande.

6. Licensing of Patents

Voluntary Licences
Persons desiring to use, make or sell an invention patented in Canada should negotiate terms with the patent owner. The address of the patentee may be obtained by writing to the Commissioner of Patents, Ottawa-Gatineau, Canada, K1A 0C9. If a voluntary licence cannot be arranged, a compulsory licence may be possible.

Compulsory Licences
Three years after a patent has been granted, one may request a compulsory licence to use the patent if there has been an abuse of the exclusive right. See Sections 65 to 71 of the *Patent Act*. Applications for a compulsory licence are made to the Commissioner of Patents.

6. Octroi de licences en vertu des brevets

Licences librement accordées
Les personnes désirant utiliser, fabriquer ou vendre une invention brevetée au Canada doivent en négocier les conditions avec le titulaire du brevet. L'adresse du titulaire peut être obtenue en écrivant au Commissaire aux brevets, Ottawa-Gatineau, Canada, K1A 0C9. S'il est impossible d'obtenir une licence résultant d'un libre accord, il est peut être possible d'obtenir une licence obligatoire.

Licences obligatoires
Il est possible de faire la demande d'une licence obligatoire trois ans après l'octroi d'un brevet si les droits exclusifs qui en dérivent ont donné lieu à un abus. Voir les articles 65 à 71 de la *Loi sur les brevets*. Les demandes de licence obligatoire doivent être présentées au Commissaire aux brevets.

7. Patents Available for Licence or Sale

An asterisk (*) placed beside any patent listed in this issue of the *Canadian Patent Office Record* indicates that as of the date of grant the said patent is available for licence or sale. These and other patents now made available for licensing are included in the listing in part 8 of these notices.

7. Brevets disponibles pour licence ou vente

Un astérisque (*) marqué à côté de tout brevet inscrit dans le présent numéro de la *Gazette du bureau des brevets*, signale qu'à compter de la date de la présente publication, ledit brevet est disponible pour octroi de licence ou vente. Une liste de ces brevets et d'autres mis en disponibilité pour octroi de licence, est publiée au no. 8 des présents avis.

8. List of Patents Available for Licence or Sale

The following Canadian patents have been made available this week for sale or licensing:

2,719,681
2,738,466
2,755,298
2,780,204
2,780,220

8. Liste des brevets disponibles pour octroi de licence ou vente

Les brevets canadiens suivants ont été mis en disponibilité cette semaine pour vente ou octroi de licence :

2,719,681
2,738,466
2,755,298
2,780,204
2,780,220

Avis

2,780,258	2,780,258
2,800,629	2,800,629
2,800,636	2,800,636

9. Applications Open to Public Inspection

All patent applications filed since October 1, 1989 and documents filed in connection therewith are open to public inspection at the Patent Office after the expiration of a confidentiality period of eighteen months beginning on the filing date of the application, or where a request for priority has been made in respect to the application, beginning on the priority date claimed. An application may become open to public inspection sooner at the request or with the approval of the applicant (Section 10(2) of the *Patent Act*). However, an application shall not be open for public inspection if it is withdrawn within the time set out in Section 92 of the *Patent Rules*. This time limit is two months before the expiry of the confidentiality period or where the Commissioner is able to stop technical preparations to open the application to the public at a subsequent date.

9. Demandes mises à la disponibilité du public

Toutes les demandes de brevet et documents relatifs à ceux-ci, déposés au Bureau des brevets depuis le 1er octobre 1989, peuvent y être consultées après l'expiration de la période de confidentialité de dix-huit mois à compter de la date de dépôt de la demande de brevet ou, si une demande de priorité a été présentée à l'égard de celle-ci, de la date de dépôt sur laquelle la demande de priorité est fondée. Une demande de brevet peut être consultée avant l'expiration de la période, à la requête ou sur autorisation du demandeur (article 10(2) de la *Loi sur les brevets*). Toutefois, une demande de brevet ne pourra être consultée si celle-ci est retirée à l'intérieur du délai prévu à l'article 92 des *Règles sur les brevets*. Le délai prévu est de deux mois précédant la date d'expiration de la période de confidentialité ou, lorsque le commissaire est en mesure, à une date ultérieure, d'arrêter les préparatifs techniques en vue de la consultation de cette demande.

10. Language of Published Documents

When ordering a published patent, please note that the language of the document can be identified by the language code (INID [25]) EN (English) or FR (French).

10. Langue du document publié

Toute personne intéressée à obtenir une copie d'un brevet publié doit prendre note que les codes suivants EN (Anglais) ou FR (Français) représentent (INID [25]) la langue de la copie du brevet publié.

11. Patent Cooperation Treaty (PCT) Schedule of Fees Applicable for Applications Filed on or After January 2, 2018

1. **Transmittal Fee** (Rule 14)	**$300**
2. **International Filing Fee**	**$1708***
For each additional sheet over 30	**$19**
3. **International Search Fee**	**$1600**

The above mentioned fees are due at time of filing of the international application, or within one month from the international filing date (date of receipt of the international application by the receiving office). These fees are to be paid in Canadian dollars and cheques should be made payable to the Receiver General for Canada.

If the fees are not paid within one month from the international filing date, the receiving office shall invite the applicant to pay the amount required, together with a late payment fee under

11. Traité de coopération en matière de brevets (PCT) barème de taxes à partir du 2 janvier 2018

1. **Taxe de transmission** (Règle 14)	**300 $**
2. **Taxe de dépôt internationale**	**1708 $***
Pour chaque feuille au delà de 30	**19 $**
3. **Taxe de recherche internationale**	**1600 $**

Les taxes mentionnées ci-haut sont payables au moment du dépôt de la demande internationale, ou dans un délai d'un mois à compter de la date de dépôt international, (soit la date de réception de la demande internationale par l'office récepteur). Les taxes doivent être payées en dollars canadiens et les chèques sont payables au receveur général du Canada.

Si les taxes n'ont pas été payées dans un délai d'un mois à compter de la date de dépôt international, l'office récepteur invitera le demandeur à payer le montant dû, accompagné de la

Rule 16bis.2, within one month from the date of the invitation. Failure to pay the fees will result in the withdrawal of the application by the receiving office.

4. Late payment fee
50% of the fees that are due, or,
Minimum: Transmittal fee
Maximum: 50% of the international filing fee

Preliminary Examination

5. **Handling fee** (Rule 57.2(*a*))	**$257**
6. **Preliminary examination fee** (Rule 58)	**$800**

* International fees will be reduced by:

- **$257** for all applications filed electronically using PCT-SAFE or ePCT (The request in character coded format).
- **$385** for all applications filed electronically using PCT-SAFE or ePCT (The request, description, claims and abstract in character coded format).

taxe pour le paiement tardif visée à la règle 16bis.2, dans un délai d'un mois à compter de l'invitation. Si vous omettez de payer les taxes, l'office récepteur retirera votre demande.

4. Taxe pour paiement tardif
50% du montant impayé, ou,
Minimum : taxe de transmission
Maximum : 50% de la taxe de dépôt international

Examen préliminaire

5. **Taxe de traitement** (Règle 57.2*a*))	**257 $**
6. **Taxe d'examen préliminaire** (Règle 58)	**800 $**

* Les frais seront réduits de:

- **257 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête étant en format à codage de caractères).
- **385 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête, la description, les revendications et l'abrégé étant en format à codage de caractères).

12. PCT Notices

Patent Cooperation Treaty (PCT)

Copies of the *Patent Cooperation Treaty Applicants Guide* and the *Patent Cooperation Treaty & Regulations* are available from WIPO - World Intellectual Property Organization at a cost of 200 Swiss Francs and 18 Swiss Francs, respectively.

Those wishing for further information including prices for both previous and current subscriptions should contact WIPO at:

Information Products Section
Post Office Box 18
1211 Geneva 20 Switzerland
Telephone (011 41 22) 338-9618
Facsimile (011 41 22) 740-1812

or by "E-mail" (**publications.mail@wipo.int**) or visit their Web site (**www.wipo.int**).

12. Avis PCT

Traité de Coopération en matière de brevets (PCT)

Des copies du *Guide du déposant du PCT* ainsi que du *Traité et des Règlements* sont disponibles auprès de l'OMPI - Organisation mondiale de la propriété intellectuelle au coût de 200 francs suisses et 18 francs suisses, respectivement.

Les personnes qui désirent obtenir de plus amples renseignements, notamment sur le prix des abonnements antérieurs et courants, sont priées de s'adresser directement à :

l'OMPI à la Section des produits d'information
Boîte postale 18
1211 Genève 20 Suisse
Téléphone (011 41 22) 338-9618
Télécopieur (011 41 22) 740-1812

ou par courriel (**publications.mail@wipo.int**) ou visiter leur site Web (**www.wipo.int**).

13. Practice Notice

LIMITED PARTNERSHIPS CAN BE ENTERED ON THE REGISTER OF AGENTS AND ON THE LIST OF TRADE-MARK AGENTS

Note: *This practice notice is intended to provide guidance on current Patent and Trade-marks Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

The Patent Office and the Trade-marks Office (hereinafter jointly referred to as "the Offices") have been receiving inquiries as to whether limited partnerships are entitled to act as patent and trade-mark agents before the Offices.

With respect to the register of patent agents, section 15 of the *Patent Act* provides that a register of patent agents shall be kept in the Patent Office on which shall be entered the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for patents or in other business before the Patent Office. Section 2 of the *Patent Rules* stipulates that the expression "patent agent" means any person or firm whose name is entered on the register of patent agents pursuant to section 15. Paragraph 15(c) of the *Patent Rules* provides that the Commissioner shall enter on the register of patent agents, on payment of the fee set out in item 33 of Schedule II, the name of **any firm, if the name of at least one member of the firm is entered on the register.**

With respect to the list of trade-mark agents, subsection 28(2) of the *Trade-marks Act* provides that the list of trade-mark agents shall include the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for the registration of a trade-mark or in other business before the Trade-marks Office. Paragraph 21(d) of the *Trade-mark Regulations* (1996) stipulates that the Registrar shall, on written request and payment of the fee set out in item 19 of the schedule, enter on a list of trade-mark agents the name of **any firm having the name of at least one of its members entered on the list as a trade-mark agent.**

Both the patent and trade-mark legislation therefore provide that firms may act as agents before the Offices, as long as one of their members is entered on the register or list of agents. It is generally recognised that the term "firm" includes partnerships, and the Offices have already allowed general partnerships and limited liability partnerships to be entered on the register or list of agents. The Offices consider that limited partnerships are also firms, and that they are entitled to act as agents before the

13. Énoncé de pratique

LES SOCIÉTÉS EN COMMANDITE PEUVENT ÊTRE INSCRITES AU REGISTRE DES AGENTS DE BREVETS ET SUR LA LISTE DES AGENTS DE MARQUES DE COMMERCE

Nota : *Le présent énoncé de pratique a pour but de préciser les pratiques actuelles du Bureau des brevets et du Bureau des marques de commerce et l'interprétation faite par ces derniers de certaines dispositions législatives. Toutefois, en cas de divergence entre le présent énoncé et la législation applicable, c'est la législation qui prévaudra.*

Le Bureau des brevets et le Bureau des marques de commerce (ci-après appelés conjointement « les Bureaux ») ont reçu des questions à savoir si les sociétés en commandite (en anglais « limited partnerships ») ont le droit d'agir en tant qu'agents de brevets et de marques de commerce auprès des Bureaux.

En ce qui concerne le registre des agents de brevets, l'article 15 de la *Loi sur les brevets* prévoit qu'un registre des agents de brevets est tenu au Bureau des brevets sur lequel sont inscrits les noms de toutes les personnes et entreprises ayant le droit de représenter les demandeurs dans la présentation et la poursuite des demandes de brevet ou dans toute autre affaire devant le Bureau des brevets. Aux termes de l'article 2 des *Règles sur les brevets*, « agent de brevets » s'entend de toute personne ou maison d'affaires dont le nom est inscrit au registre des agents de brevets aux termes de l'article 15. L'alinéa 15c) des *Règles sur les brevets* prévoit que le commissaire inscrit au registre des agents de brevets, moyennant paiement de la taxe prévue à l'article 33 de l'annexe II, le nom de **toute maison d'affaires dont le nom d'au moins un membre est inscrit au registre des agents de brevets**.

En ce qui concerne la liste des agents de marques de commerce, le paragraphe 28(2) de la *Loi sur les marques de commerce* prévoit que la liste des agents de marques de commerce comporte les noms des personnes et études habilitées à représenter les intéressés dans la présentation et la poursuite des demandes d'enregistrement des marques de commerce et de toute affaire devant le Bureau des marques de commerce. Aux termes de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996), le registraire, sur demande écrite et sur paiement du droit prévu à l'article 19 de l'annexe, inscrit sur la liste des agents de marques de commerce le nom de **toute firme dont le nom d'au moins un membre est inscrit sur la liste à titre d'agent de marques de commerce.**

La législation actuelle sur les brevets et celle sur les marques de commerce prévoient donc que des firmes peuvent agir en tant qu'agents auprès des Bureaux, à condition que l'un de leurs membres soit inscrit au registre ou à la liste des agents. Il est généralement admis que le terme « firme » inclut les sociétés (en anglais «partnerships ») et les Bureaux ont déjà autorisé des sociétés en nom collectif (en anglais « general partnerships») ainsi que des sociétés à responsabilité limitée

Offices.

(en anglais « limited liability partnerships ») à être inscrites au registre ou à la liste des agents. Les Bureaux considèrent que les sociétés en commandite sont aussi des firmes et qu'elles ont le droit d'agir en tant qu'agents auprès des Bureaux.

Therefore, commencing immediately, the Offices will enter upon request, on the register or list of agents, limited partnerships that otherwise meet the requirements set out in the patent and trade-mark legislation.

En conséquence, sur demande, les Bureaux inscriront désormais au registre, ou à la liste des agents, les sociétés en commandite qui répondent aux exigences de la *Loi sur les brevets et de la Loi sur les marques de commerce.*

The Offices, however, continue to consider that the current patent and trade-mark legislation do not allow corporations to be entered on the register or list of agents, since corporations do not have members and therefore cannot meet the requirements set out in paragraph 15(c) of the *Patent Rules* and paragraph 21(d) of the *Trade-mark Regulations* (1996).

Les Bureaux continuent toutefois de considérer que la législation actuelle sur les brevets et les marques de commerce ne permet pas aux compagnies (en anglais « corporations ») d'être inscrites au registre ou à la liste des agents, étant donné que les compagnies n'ont pas de membres et ne peuvent donc pas satisfaire aux exigences de l'alinéa 15c) des *Règles sur les brevets* et de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996).

14. Correspondence Procedures

June 20, 2017

1. Physical Delivery of Correspondence to CIPO
2. Electronic Correspondence
3. Details concerning the electronic formats accepted
4. General Information
5. Statutory Holidays
6. Procedures in case of an unexpected Office closure at CIPO
7. Procedures when CIPO is open for business but clients are unable to communicate with the Office
8. Intellectual property acts, rules and regulations

14. Procédures de correspondance

le 20 juin, 2017

1. Livraison en personne de correspondance à l'OPIC.
2. Correspondance électronique
3. Précisions concernant les formats électroniques acceptés
4. Renseignements généraux
5. Jours fériés
6. Procédures en cas de fermeture des bureaux
7. Procédures à suivre lorsque les clients sont incapables de communiquer avec les bureaux de l'Office de la propriété intellectuelle du Canada durant les heures d'ouverture
8. Lois, règles et règlements sur la propriété intellectuelle

This notice will replace all previous notices regarding Correspondence Procedures.

Note: *This practice notice is intended to provide guidance on current Canadian Intellectual Property Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

Le présent avis remplacera tous les avis antérieurs relatifs aux procédures de correspondance.

Nota : *Le présent avis fournit une orientation concernant les pratiques et interprétations relatives aux lois pertinentes au sein de l'Office de la propriété intellectuelle du Canada. Toutefois, en cas d'incompatibilité entre cet avis et la législation applicable, c'est celle-ci qu'il faudra suivre.*

1. Physical Delivery of Correspondence to CIPO

For the purposes of sections 5 and 54 of the Patent Rules, section 3 of the Trade-marks Regulations, section 2 of the Copyright Regulations, section 3 of the Industrial Design Regulations and section 3 of the Integrated Circuit Topography Regulations, the address of the Patent Office, the Office of the

1. Livraison en personne de correspondance à l'OPIC

Aux fins des articles 5 et 54 des Règles sur les brevets, de l'article 3 du Règlement sur les marques de commerce, de l'article 2 du Règlement sur le droit d'auteur, de l'article 3 du Règlement sur les dessins industriels et de l'article 3 du Règlement sur les topographies de circuits intégrés, l'adresse

Registrar of Trade-marks, the Copyright Office, the Industrial Design section of the Office of the Commissioner of Patents, and the Office of the Registrar of Topographies (hereinafter sometimes collectively referred to as "CIPO") is:

Canadian Intellectual Property Office
Place du Portage I
50 Victoria Street, Room C-114
Gatineau QC K1A 0C9

Correspondence delivered to the above address during ordinary business hours 8:30 a.m. to 4:30 p.m. (local time) will be considered to be received on the date of delivery.

Please be advised that once correspondence is received by CIPO it cannot be returned to the sender, even if the sender states that the correspondence was sent by mistake. Exceptionally, in cases where correspondence is related to a patent application that does not meet the requirements under subsection 27.1(1) of the Patent Act for obtaining a filing date, the documents will be returned to the sender.

The Fee Payment Form should always be submitted as a covering document and should be the only document submitted to CIPO that contains financial information, such as credit card numbers.

Download the Fee Payment Form.

du Bureau des brevets, du Bureau du registraire des marques de commerce, du Bureau du droit d'auteur, de la Section des dessins industriels du Bureau du commissaire aux brevets, et du Bureau du registraire des topographies (ci-après parfois collectivement appelés « OPIC » est la suivante :

Office de la propriété intellectuelle du Canada
Place du Portage I
50, rue Victoria, pièce C-114
Gatineau (Québec) K1A 0C9

La correspondance livrée à l'adresse ci-dessus lors des heures normales d'ouverture, soit de 8h30 à 16h30 (heure locale), sera considérée comme ayant été reçue la journée même de la livraison.

Veuillez prendre note qu'une fois que l'OPIC reçoit de la correspondance, il ne peut pas la retourner à l'expéditeur, même si l'expéditeur indique que la correspondance a été envoyée par erreur. Exceptionnellement, dans le cas où la correspondance vise une demande de brevet ne satisfaisant pas aux exigences du paragraphe 27.1(1) de la Loi sur les brevets pour l'obtention d'une date de dépôt, les documents seront retournés à l'expéditeur.

Le formulaire de paiements devrait toujours être présenté comme page couverture et devrait être le seul document soumis à l'OPIC contenant de l'information financière telle que les numéros de carte de crédit.

Téléchargez le formulaire de paiements.

1.1 Designated Establishments

For the purposes of subsections 5(4) and 54(3) of the Patent Rules, subsection 3(4) of the Trade-marks Regulations, subsection 2(4) of the Copyright Regulations, subsection 3(4) of the Industrial Design Regulations and subsection 3(4) of the Integrated Circuit Topography Regulations, the following are the designated establishments or designated offices to which correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered **in person**:

1. Innovation, Science and Economic Development Canada
   C.D. Howe Building
   235 Queen Street, Room S-143
   Ottawa ON K1A 0H5
   Tel.: 343-291-3436

   8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

2. Innovation, Science and Economic Development Canada
   Sun Life Building
   1155 Metcalfe Street, Room 950
   Montreal QC H3B 2V6

1.1 Établissements désignés

Aux fins des paragraphes 5(4) et 54(3) des Règles sur les brevets, du paragraphe 3(4) du Règlement sur les marques de commerce, du paragraphe 2(4) du Règlement sur le droit d'auteur, du paragraphe 3(4) du Règlement sur les dessins industriels et du paragraphe 3(4) du Règlement sur les topographies de circuits intégrés, les établissements ou bureaux désignés où peut être livrée **en personne** la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies sont les suivants :

1. Innovation, Sciences et Développement économique Canada
   Édifice C.D. Howe
   235, rue Queen, pièce S-143
   Ottawa (Ontario) K1A 0H5
   Tél. : 343-291-3436

   8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

2. Innovation, Sciences et Développement économique Canada
   Édifice Sun Life
   1155, rue Metcalfe, bureau 950
   Montréal (Québec) H3B 2V6

Tel.: 514-496-1797
Toll-free: 1-888-237-3037

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

3. Innovation, Science and Economic Development Canada
151 Yonge Street, 4th Floor
Toronto ON M5C 2W7
Tel.: 416-973-5000

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

4. Innovation, Science and Economic Development Canada
Canada Place
9700 Jasper Avenue, Suite 725
Edmonton AB T5J 4C3
Tel.: 780-495-4782
Toll-free: 1-800-461-2646

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

5. Innovation, Science and Economic Development Canada
Library Square
300 West Georgia Street, Suite 2000
Vancouver BC V6B 6E1
Tel.: 604-666-5000

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

Correspondence delivered, during ordinary business hours, to one of the designated establishments listed above, will be considered to be received on the date of delivery to that designated establishment, only if it is also a day on which CIPO is open for business. Correspondence delivered to a designated establishment on a day when CIPO is closed for business will be considered to be received on the next day on which CIPO is open for business. For example, correspondence delivered to the designated establishment in Toronto on June 24 will not be considered received on June 24 since CIPO is closed for business. The correspondence will be considered received on the next day CIPO is open for business.

Please note that documents delivered to the addresses listed above must be enclosed in a sealed envelope.

1.2. Registered Mail™ and Xpresspost™ services of Canada Post

For the purposes of subsections 5(4) and 54(3) of the Patent Rules, subsection 3(4) of the Trade-marks Regulations, subsection 2(4) of the Copyright Regulations, subsection 3(4) of the Industrial Design Regulations and subsection 3(4) of the Integrated Circuit Topography Regulations, the Registered Mail™ and Xpresspost™ services of Canada Post are designated establishments or designated offices to which

Tél. : 514-496-1797
Sans frais : 1-888-237-3037

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

3. Innovation, Sciences et Développement économique Canada
151, rue Yonge, 4e étage
Toronto (Ontario) M5C 2W7
Tél. : 416-973-5000

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

4. Innovation, Sciences et Développement économique Canada
Canada Place
9700, avenue Jasper, pièce 725
Edmonton (Alberta) T5J 4C3
Tél. : 780-495-4782
Sans frais : 1-800-461-2646

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

5. Innovation, Sciences et Développement économique Canada
Library Square
300, rue Georgia Ouest, pièce 2000
Vancouver (C.-B.) V6B 6E1
Tél. : 604-666-5000

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

La correspondance livrée pendant les heures normales d'ouverture à l'un des établissements désignés susmentionnés sera réputée reçue à la date de livraison à cet établissement seulement si l'OPIC est ouvert au public à cette même date. Sinon, elle sera réputée avoir été reçue à la date du jour d'ouverture suivant de l'OPIC. Par exemple, la correspondance livrée à un établissement désigné à Toronto le 24 juin ne sera pas considérée comme ayant été reçue le 24 juin, puisque les bureaux de l'OPIC seront fermés. La correspondance sera considérée comme ayant été reçue lors de la prochaine journée ouvrable de l'OPIC.

Prendre note que les documents livrés aux adresses énumérées ci-dessus doivent être insérés dans une enveloppe scellée.

1.2. Services Courrier recommandé^MC et Xpresspost^MC de Postes Canada

Aux fins des paragraphes 5(4) et 54(3) des Règles sur les brevets, du paragraphe 3(4) du Règlement sur les marques de commerce, du paragraphe 2(4) du Règlement sur le droit d'auteur, du paragraphe 3(4) du Règlement sur les dessins industriels et du paragraphe 3(4) du Règlement sur les topographies de circuits intégrés, les services Courrier recommandé^MC et Xpresspost^MC de Postes Canada sont des

correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered.

CIPO considers that correspondence delivered through the Registered Mail™ and Xpresspost™ services of Canada Post is received by CIPO on the day indicated on the mailing receipt provided by Canada Post, or if CIPO is closed for business on that day, on the day when CIPO is next open for business.

2. Electronic Correspondence

In accordance with section 8.1 of the Patent Act, and for the purposes of subsections 5(6), 54(5), and 68(3) of the Patent Rules, subsection 3(6) of the Trade-marks Regulations, subsection 2(6) of the Copyright Regulations, subsection 3(6) of the Industrial Design Regulations, and subsection 3(6) of the Integrated Circuit Topography Regulations, correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent by facsimile, online or on an electronic medium only as provided in the current notice.

In accordance with subsection 54(5) of the Patent Rules, the request for national entry is the only correspondence addressed to the Commissioner in respect of an international application that can be submitted online or on an electronic medium with the exception of sequence listings, applications prepared using the PCT-SAFE software or prepared using WIPO's ePCT online service as specified in the current notice. Other correspondence submitted online or on an electronic medium in respect of international applications that have not entered the national phase will not be accepted.

Subsection 3(9) of the Trade-marks Regulations specifies certain categories of correspondence to which the provisions of subsection 3(6) do not apply and which thus may not be sent by facsimile or online.

Correspondence sent by facsimile or online to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies constitutes the original, therefore a duplicate paper copy should not be forwarded.

Correspondence delivered by electronic means of transmission, including facsimile, will be considered to be received on the day that it is transmitted if delivered and received before midnight, local time at CIPO on a day when CIPO is open for business. When CIPO is closed for business, correspondence delivered on that day will be considered to be received on the next day on which CIPO is open for business.

établissements ou des bureaux désignés auquels la correspondance adressée au commissaire aux brevets, au Registraire des marques de commerce, au Bureau du droit d'auteur ou au Registraire des topographies peut être livrée.

L'OPIC considère que la correspondance livrée par l'entremise des services Courrier recommandé^MC et Xpresspost^MC de Postes Canada sont reçus par l'OPIC le jour indiqué sur le reçu de confirmation émis par Postes Canada, ou si l'OPIC est fermé au public ce jour-là, le jour de la réouverture de l'OPIC.

2. Correspondance électronique

Conformément à l'article 8.1 de la Loi sur les brevets et aux fins des paragraphes 5(6), 54(5) et 68(3) des Règles sur les brevets, du paragraphe 3(6) du Règlement sur les marques de commerce, du paragraphe 2(6) du Règlement sur le droit d'auteur, du paragraphe 3(6) du Règlement sur les dessins industriels et du paragraphe 3(6) du Règlement sur les topographies de circuits intégrés, la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par télécopieur ou encore en ligne ou à l'aide d'un support électronique et ce, seulement de la manière indiquée dans le présent avis.

Conformément au paragraphe 54(5) des Règles sur les brevets, la demande d'entrée en phase nationale d'une demande internationale est la seule correspondance adressée au commissaire qui peut être présentée en ligne ou sur support électronique, à l'exception des listages de séquences, des demandes préparées à l'aide du logiciel PCT-SAFE ou préparées à l'aide du service en ligne ePCT de l'OMPI, tel qu'indiqué dans le présent avis. Toute autre correspondance présentée en ligne ou sur support électronique relativement à des demandes internationales qui ne sont pas entrées dans la phase nationale ne sera pas acceptée.

Le paragraphe 3(9) du Règlement sur les marques de commerce prévoit certaines catégories de correspondance auxquelles les dispositions du paragraphe 3(6) ne s'appliquent pas et qui, par conséquent, ne peuvent pas être envoyées par télécopieur ou en ligne.

La correspondance envoyée par télécopieur ou en ligne au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies tient lieu d'original. Par conséquent, une copie sur support papier ne devrait pas être expédiée.

La correspondance livrée et reçue par voie électronique, y compris par télécopieur, est réputée reçue à l'OPIC le jour même avant minuit, heure locale, lorsque l'OPIC est ouvert au public. Si elle est transmise un jour où l'OPIC est fermé au public, elle est réputée reçue à la date du jour d'ouverture suivant de l'OPIC.

2.1 Facsimile

Facsimile correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent to the following facsimile numbers:

- (819) 953-CIPO (2476) or
- (819) 953-OPIC (6742)

Facsimile correspondence that is sent to any facsimile number other than those indicated above, including those of a designated establishment or designated office, will be considered not to have been received.

The electronic transmittal report returned to you following your facsimile transmission will constitute your acknowledgment receipt. Confidentiality of the facsimile transmission process cannot be guaranteed. Please note that CIPO strongly discourages the use of a computer facsimile interface or internet-based facsimile services due to technical issues with reception.

When submitting a document by facsimile that also has a fee requirement, notification of the preferred mode of payment to be applied must be prominently displayed on the Fee Payment Form to ensure expedient processing.

Patents

The document presentation requirements set out in sections 69 and 70 of the Patent Rules apply to facsimile correspondence.

2.1 Correspondance par télécopieur

La correspondance par télécopieur adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise aux numéros ci-dessous :

- 819-953-OPIC (6742) ou
- 819-953-CIPO (2476)

La correspondance qui est transmise par télécopieur à tout autre numéro de télécopieur que ceux qui sont indiqués ci-dessus, y compris ceux d'établissements ou de bureaux désignés, sera réputée non reçue.

Le rapport de transmission électronique que vous recevrez après votre envoi par télécopieur constituera votre accusé de réception. La confidentialité du processus de transmission électronique ne peut pas être garantie. Veuillez noter que l'OPIC décourage fortement l'utilisation d'interface de télécopie par ordinateur ou de services de télécopie par le biais d'internet étant donné les problèmes techniques probables avec la réception.

Quand on transmet par télécopieur un document comprenant une demande d'acquittement de frais, il faut clairement indiquer le mode de paiement préféré sur le formulaire de paiements en vue d'assurer un traitement rapide.

Brevets

Les exigences relatives à la présentation des documents énoncées aux articles 69 et 70 des Règles sur les brevets s'appliquent à la correspondance par télécopieur.

2.2 Online

Correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent electronically using the relevant links below.

Patents

For the purpose of subsection 5(6) of the Patent Rules, correspondence addressed to the Commissioner may be sent electronically by accessing the following pages:

- filing an application (regular application);
- filing a request for national entry;
- filing an international application (PCT Safe or ePCT);
- general correspondence relating to applications and patents;
- maintaining the name of a patent agent on the register

2.2 En ligne

La correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par voie électronique.

Brevets

Aux fins du paragraphe 5(6) des Règles sur les brevets, la correspondance adressée au commissaire peut être envoyée par voie électronique, notamment par le biais des pages suivantes :

- déposer une demande (demande régulière);
- déposer une demande d'entrée dans la phase nationale;
- déposer une demande internationale (PCT Safe ou ePCT);
- correspondance générale concernant des demandes et des brevets;
- maintien du nom d'un agent de brevets dans le registre

of patent agents; and

- ordering copies in paper, or electronic form of a document.

des agents de brevets;

- commande de copies papier ou d'un document sous forme électronique.

Canada as Receiving Office Under the PCT: PCT-SAFE

Pursuant to PCT Rule 89bis, CIPO, in its role as a receiving Office, accepts the electronic filing of an international application prepared using the latest version of the WIPO's PCT-Safe software and applications prepared using WIPO's ePCT online service. Filing in both cases must be done using CIPO's International Filing e-service, called PCT E-Filing.

Note: Correspondence related to PCT international applications can not be sent electronically to CIPO. Correspondence may be sent by mail, by facsimile or delivered by hand to CIPO or to a designated establishment.

Le Canada comme office récepteur au titre du PCT : PCT-SAFE et ePCT

Conformément à la Règle 89bis du PCT, l'OPIC, à titre d'office récepteur, accepte le dépôt d'une demande internationale préparée à l'aide de la plus récente version du logiciel PCT-SAFE de l'OMPI, et d'une demande préparée à l'aide du service en ligne ePCT de l'OMPI. Dans les deux cas, le dépôt doit se faire à l'aide du service électronique de dépôt de demandes internationales de l'OPIC, appelé Dépôt en ligne de demandes PCT.

Note: La correspondance liée aux demandes internationales PCT ne peut être envoyée par voie électronique à l'OPIC. La correspondance peut être envoyée par courrier, par télécopieur ou remis en mains à l'OPIC ou à un établissement désigné.

Trademarks

For the purpose of subsection 3(6) of the Trade-marks Regulations, the following correspondence addressed to the Registrar of Trade-marks may be sent electronically by accessing the following pages:

- filing a new or revised trademark application;
- renewal of a trademark registration;
- request to enter a name on the list of trademark agents;
- annual renewal of a trademark agent;
- requesting copies of trademark documents;
- filing of a declaration of use;
- registration of a trademark application;
- statement of Opposition; and
- extensions of time in trademark opposition cases

Marques de commerce

Aux fins du paragraphe 3(6) du Règlement sur les marques de commerce, la correspondance indiquée ci-dessous qui est adressée au registraire des marques de commerce peut être envoyés par voie électronique, notamment par les pages suivantes :

- nouvelle demande ou demande modifiée d'enregistrement de marque de commerce;
- renouvellement de l'enregistrement d'une marque de commerce;
- demande d'inscription d'un nom à la liste des agents de marques de commerce;
- renouvellement annuel d'un agent de marques de commerce;
- commande de copies de documents de marques de commerce.
- dépôt d'une déclaration d'emploi;
- l'enregistrement d'une marque de commerce
- dépôt d'une déclaration d'opposition; et
- demande de prolongation de délai dans une procédure d'opposition.

Copyright

For the purpose of subsection 2(6) of the Copyright Regulations, the following correspondence addressed to the Copyright Office may be sent electronically, by accessing the following pages:

- application for registration of a copyright in a work.
- application for registration of a copyright in a performer's performance, sound recording or a

Droits d'auteur

Aux fins du paragraphe 2(6) du Règlement sur le droit d'auteur, la correspondance indiquée ci-dessous qui est adressée au Bureau du droit d'auteur peut être transmise par voie électronique. Pour ce faire, il faut accéder aux pages suivantes :

- demande d'enregistrement d'un droit d'auteur sur une œuvre.
- demande d'enregistrement d'un droit d'auteur sur une prestation, un enregistrement sonore ou un signal de

communication signal;

- filing a grant of interest;
- request for certificate of correction;
- ordering copies in paper, or electronic form of a document; and
- general correspondence relating to copyright.

communication;

- dépôt d'une concession d'intérêt;
- demande de certificat de correction;
- commande de copies des documents papier ou électroniques et
- correspondance générale relative aux droits d'auteur.

Industrial Designs

For the purpose of subsection 3(6) of the Industrial Design Regulations, the following correspondence addressed to the Commissioner of Patents may be sent electronically, by accessing the following pages:

- application for registration of an industrial design;
- ordering copies in paper, or electronic form of a document;
- general correspondence relating to industrial designs; and
- payment of industrial design maintenance fees.

Dessins industriels

Aux fins du paragraphe 3(6) du Règlement sur les dessins industriels, la correspondance indiquée ci-dessous qui est adressée au commissaire aux brevets peut être transmise par voie électronique. Pour ce faire, il faut accéder aux pages suivantes :

- demande d'enregistrement d'un dessin industriel;
- commande de copies de documents papier ou électroniques;
- correspondance générale relative aux dessins industriels; et
- paiement des droits de maintien des dessins industriels.

Integrated Circuit Topographies

For the purpose of subsection 3(6) of the Integrated Circuit Topography Regulations, the following correspondence addressed to the Registrar of Topographies may be sent electronically, by accessing the following page:

- general correspondence relating to integrated circuit topographies.

Topographies de circuits intégrés

Aux fins du paragraphe 3(6) du Règlement sur les topographies de circuits intégrés, la correspondance indiquée ci-dessous qui est adressée au registraire des topographies peut être transmise par voie électronique. Pour ce faire, il faut accéder à la page suivante :

- correspondance générale relative aux topographies de circuits intégrés.

2.3 Electronic medium

Patents

The Patent Office will accept correspondence on various types of electronic medium as specified below. The electronic medium should contain a table of contents and be provided with a cover letter, which will be date stamped by CIPO and placed in the application file. Filing date requirements prescribed in the Patent Rules still remain.

When submitted on an electronic medium, the parts of the application must be logically broken down in files, which are no larger than 25 megabytes.

With regards to sequence listings under Rule 111 of the Patent Rules, the electronic medium must be separate from any electronic medium which may be filed containing parts of the

2.3 Supports électroniques

Brevets

Le Bureau des brevets acceptera la correspondance transmise à l'aide de divers supports électroniques, tel qu'indiqué ci-dessous. Le support électronique devrait contenir une table des matières et être accompagné d'une lettre explicative, laquelle sera datée par l'OPIC et placée dans le dossier de la demande. Les exigences relatives à la date de dépôt énoncées dans les Règles sur les brevets resteront applicables.

Les parties d'une demande qui sont présentées sur support électronique doivent être logiquement réparties en fichiers de 25 mégaoctets au maximum.

En ce qui concerne les listages des séquences prévus à l'article 111 des Règles sur les brevets, le support électronique doit être distinct de tout support électronique qui peut être déposé et qui

application itself or amendment(s) thereof.

contient des parties de la demande elle-même ou des modifications relatives à la demande.

Canada as Receiving Office Under the PCT: Electronic Filing of Sequence Listings

Pursuant to PCT Rules 89bis and 89ter, and in accordance with Part 7 of the PCT Administrative Instructions, where an international application contains disclosure of one or more nucleotide and/or amino acid sequence listings, CIPO, in its role as a receiving Office, accepts that the sequence listing part of the description and/or any table related to the sequence listing(s) be filed, at the option of the applicant:

i. only on an electronic medium in electronic form in accordance with section 702 of Part 7 of the PCT Administrative Instructions; or

ii. both on an electronic medium in electronic form and on paper in accordance with section 702 of Part 7 of the PCT Administrative Instructions;

provided that the other elements of the international application are filed as otherwise provided for under the PCT.

The sequence listing part of an international application filed in electronic form and related tables filed in electronic form shall comply with the relevant provisions of Annex C and C-bis of the PCT Administrative Instructions respectively.

For this purpose the Canadian receiving Office will accept any electronic media specified in Annex F of the PCT Administrative Instructions. Where both the sequence listing and the tables are filed in electronic form, the listing and the tables shall be contained on separate electronic media, which shall contain no other programs or files.

For the purpose of processing the international application, the Canadian receiving Office requires two (2) additional copies of the electronic media containing the sequence listing and/or tables in electronic form, accompanied by a statement that the sequence listings and/or tables contained in the copies are identical to those in electronic form as filed.

For further details concerning the filing of sequence listings and/or tables in electronic form, including the labeling of the electronic media and the calculation of the international filing fee, refer to section 7 of the PCT Administrative Instructions.

Le Canada comme office récepteur au titre du PCT : Dépôt électronique des listages de séquences

Conformément aux Règles 89bis et 89ter du PCT et à la Partie 7 des Instructions administratives du PCT, lorsqu'une demande internationale contient la divulgation d'un ou de plusieurs listages des séquences de nucléotides et/ou d'acides aminés, à titre d'office récepteur l'OPIC accepte le dépôt de la partie de la description contenant les listages des séquences et/ou de tout tableau relatif aux listages des séquences et ce, à la discrétion du requérant :

i. seulement sous forme électronique et sur support électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT, ou

ii. sur support papier et sur support électronique sous forme électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT,

à condition que les autres éléments de la demande internationale soient déposés conformément aux dispositions du PCT.

Dans une demande internationale déposée sous forme électronique, la partie qui contient le listage des séquences et les tableaux connexes seront conformes aux dispositions pertinentes de l'Annexe C et de l'Annexe C-bis des Instructions administratives du PCT, respectivement.

À cette fin, l'office récepteur canadien acceptera tout support électronique prévu à l'Annexe F des Instructions administratives du PCT. Lorsque le listage des séquences et les tableaux sont déposés sous forme électronique, ils le seront sur des supports électroniques distincts ne contenant pas d'autres programmes ni fichiers.

Aux fins du traitement de la demande internationale, l'office récepteur canadien exige deux (2) copies supplémentaires du support électronique contenant le listage de séquences et/ou les tableaux sous forme électronique, accompagnées d'une déclaration indiquant que le listage des séquences et/ou les tableaux contenus dans les copies sont identiques à ceux qui ont été déposés sous forme électronique.

On trouvera à l'article 7 des Instructions administratives du PCT des détails supplémentaires sur le dépôt de listages des séquences et/ou de tableaux sous forme électronique, notamment sur l'étiquetage des supports électroniques et le calcul de la taxe de dépôt internationale.

Electronic Media accepted by the Patent Office

The Patent Office will accept 3.5 inch diskette, CD-ROM, CD-R, DVD, DVD-R and any format as specified in Annex F of

Supports électroniques acceptés par le Bureau des brevets

Le Bureau de brevets acceptera des disquettes 3.5 pouces, CD-ROM, CD-R, DVD, DVD-R et tout format spécifié à l'Annexe

the PCT Administration Instructions.

The electronic medium must also be free of worms, viruses or other malicious content. Files with malicious content will be deleted.

F des Instructions administratives du PCT.

Le support électronique doit aussi être exempt de tout ver, virus ou autre contenu malveillant. Les fichiers ayant un contenu malveillant seront effacés.

3. Details concerning the electronic formats accepted

Patents

In accordance with section 8.1 of the Patent Act, and for the purposes of subsections 5(6), 54(5), and 68(3) of the Patent Rules, the acceptable file formats for documents submitted electronically using the relevant links set out in section 2.2 of these correspondence procedures or on electronic media are TIFF and PDF. In order to get a correspondence date, the office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the office will request the documents to be replaced by documents in PDF or TIFF and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

Sequence listings can be initially provided in TIFF, PDF or in ASCII file formats. However, as a completion requirement according to section 94 of the Patent Rules, a sequence listing in the ASCII format compliant with the "PCT sequence listing standard" has to be submitted. Therefore, CIPO encourages applicants to submit the sequence listings in the ASCII format in the first place.

When applicable, the Patent Office will accept files in the TIFF, PDF and ASCII format when they comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black and white;
- Resolution of either 300 or 400 dpi;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11" or A4.

PDF Format:

- Adobe Portable Document Format Version 1.4 compatible;
- Non-compressed text to facilitate searching;
- Unencrypted text;
- No embedded OLE objects;
- All fonts must be embedded and licensed for distribution.

3. Précisions concernant les formats électroniques acceptés

Brevets

Conformément à l'article 8.1 de la Loi sur les brevets et aux fins des paragraphes 5(6), 54(5) et 68(3) des Règles sur les brevets, les formats de fichiers acceptables pour les documents présentés par voie électronique en utilisant les liens spécifiés à l'article 2.2 de ces procédures de correspondance ou sur support électronique sont les formats TIFF et PDF. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ». Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers en format PDF ou TIFF, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents initialement déposés.

Les listages des séquences peuvent être initialement déposés sous forme de fichiers TIFF, PDF ou ASCII. Toutefois, afin de compléter la demande, conformément à l'article 94 des Règles sur les brevets, un listage des séquences en format ASCII conforme à la Norme PCT de listage des séquences devra être présenté. L'OPIC encourage donc les demandeurs à déposer les listages de séquences en format ASCII dès le départ.

Le cas échéant, le Bureau des brevets acceptera des fichiers en format TIFF, PDF et ASCII s'ils sont conformes aux spécifications suivantes :

Format TIFF

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc
- Résolution : 300 ou 400 ppp
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po ou A4.

Format PDF

- Compatible avec Adobe Portable Document Format Version 1.4
- Texte non comprimé, pour faciliter la recherche
- Texte non chiffré
- Pas d'objets OLE incorporés
- Toutes les polices de caractère doivent être incorporées et leur distribution doit être autorisée.

ASCII

- Shall be encoded using IBM Code Page 437, IBM Code Page 932 or a compatible code page.

ASCII

- Le texte sera encodé à l'aide des pages de codes IBM 437 ou IBM 932 ou d'une page de codes compatible.

Industrial Design

For the purposes of subsection 3(6) of the Industrial Design Regulations, the acceptable file formats for documents submitted electronically using the relevant links set out in section 2.2 of these correspondence procedures are: TIFF, JPEG, WPD and Doc. In order to get a correspondence date, the Office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the Office will request the documents to be replaced by documents in one of the acceptable formats and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

When submitting images electronically, we strongly encourage clients to comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black and white;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi

Photographs in JPEG Format:

- JPEG compression, Gray Scale 8 bit (256 Shades of Gray);
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi

For all images submitted in different formats, the office may print and scan the images or convert them to recommended formats prior to loading them in the database. If the office converts files to an acceptable format this could result in a change in quality to the drawings.

Dessins industriels

Aux fins des paragraphes 3(6) et 12(3) du Règlement sur les dessins industriels, les formats de fichiers acceptables pour les documents présentés par voie électronique en utilisant les liens spécifiés à l'article 2.2 de ces procédures de correspondance sont : TIFF, JPEG, WPD et DOC. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats, à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ».Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers présentés dans un des formats acceptables, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents déposés à l'origine.

Nous encourageons fortement les clients à respecter les spécifications suivantes lorsqu'ils déposent des images par voie électronique :

Format TIFF :

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po
- Résolution : 300 ppp

Photographies en format JPEG :

- Compression JPEG, échelle de gris de 8 bits (256 tons de gris)
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po
- Résolution : 300 ppp

Pour toutes les images soumises dans différents formats, le bureau peut imprimer et balayer les images par scanner ou les convertir dans les formats recommandés avant leur chargement dans la base de données. Si le bureau convertit les fichiers dans un format acceptable, ceci pourrait résulter en un changement de la qualité des dessins.

4. General Information

General information may be obtained by communicating with CIPO's Client Service Centre.

4. Renseignements généraux

On pourra obtenir des renseignements généraux en communiquant avec le Centre de services à la clientèle de l'OPIC.

5. Statutory Holidays

- Time limits under the Patent, Trade-marks, Industrial Design, Copyright and Integrated Circuit Topography Acts
- Time limits under the Patent and Trade-marks Act
- Time limits under the Patent Cooperation Treaty
- Provincial and Territorial Holidays
- When Patent and Trademarks Offices are closed for business

5. Jours fériés

- Délais prévus dans les lois sur les brevets, les marques de commerce, les dessins industriels, le droit d'auteur et les topographies de circuits intégrés
- Délais prévus dans la Loi sur les brevets et dans la Loi sur les marques de commerce
- Délais prévus dans le Traité de coopération en matière de brevets
- Jours fériés provinciaux ou territoriaux
- Jours de fermeture au public des bureaux des brevets et des marques de commerce

Time limits under the Patent, Trade-marks, Industrial Design, Copyright and Integrated Circuit Topography Acts

In accordance with section 26 of the Interpretation Act, any person choosing to deliver a document to a designated establishment (including CIPO's offices in Gatineau, Quebec; an Innovation, Science and Economic Development Canada regional office or the Registered Mail™ and Xpresspost™ services of Canada Post) where a federal, provincial or territorial holiday exists, is entitled to an extension of any time limit for the filing of the document that expires on the holiday, until the next day that is not a holiday. It is to be noted, in respect of provincial and territorial holidays, that the entitlement to the extension is dependent on the establishment to which the document is delivered and not on the place of residence of the person for whom the document is filed or of their agent. For this purpose, documents transmitted to CIPO by electronic means, including by facsimile, would be considered to be delivered to CIPO's offices in Gatineau, Quebec.

CIPO has no practical way of keeping track of the establishment to which documents are delivered. Accordingly, where a person has a time limit for the filing of a document that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. In such circumstances, it will be the responsibility of the person filing the document to ensure that he or she is properly entitled to any needed extension of the time limit.

Délais prévus dans les lois sur les brevets, les marques de commerce, les dessins industriels, le droit d'auteur et les topographies de circuits intégrés

Selon l'article 26 de la Loi d'interprétation, lorsqu'une personne choisit de livrer un document à un établissement désigné (y compris les bureaux de l'OPIC à Gatineau, au Québec, un bureau régional d'Innovation, Sciences et Développement économique Canada ou le service Courrier recommandé de Postes Canada) dans une province où il y a un jour férié fédéral, provincial ou territorial, tout délai fixé pour le dépôt du document, qui expire un jour férié peut être prorogé jusqu'au jour non férié suivant. Dans le cas d'un jour férié provincial ou territorial, il convient de souligner que le droit à la prorogation dépend de l'établissement auquel le document est livré et non du lieu de résidence de la personne pour laquelle le document est déposé ou de son agent. À cet égard, les documents envoyés à l'OPIC par un moyen électronique, y compris par télécopieur, sont réputés être livrés aux bureaux de l'OPIC à Gatineau, au Québec.

En pratique, l'OPIC n'a aucun moyen de faire le suivi sur les établissements auxquels des documents sont livrés. Par conséquent, si le délai pour le dépôt d'un document tombe un jour férié provincial ou territorial et qu'une personne le livre seulement le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement qui justifierait une prorogation du délai. Dans de telles circonstances, il incombe au déposant de s'assurer qu'il a droit à une telle prorogation.

Time limits under the Patent and Trade-marks Acts

In addition to the extensions of time limits referred to above, in accordance with subsection 78(1) of the Patent Act and subsection 66(1) of the Trade-marks Act, any patent or trademark time limit that expires on a day when the Patent and Trademarks Offices are closed for business is deemed to be extended to the next day when the offices are open for business. All persons are entitled to these extensions regardless of their place of residence or of the establishment to which documents are delivered.

No equivalent provisions exist under the Industrial Design Act, the Copyright Act or the Integrated Circuit Topography Act.

Délais prévus dans la Loi sur les brevets et dans la Loi sur les marques de commerce

En plus des prorogations indiquées aux paragraphes précédents, les paragraphes 78(1) de la Loi sur les brevets et 66(1) de la Loi sur les marques de commerce stipulent que tout délai relatif aux brevets ou aux marques de commerce qui expire un jour où les bureaux des marques de commerce et des brevets sont fermés au public est réputé prorogé jusqu'au jour de réouverture de ces bureaux. Toute personne a droit à une telle prorogation quel que soit son lieu de résidence ou l'établissement auquel les documents sont livrés

Il n'existe pas de disposition équivalente dans la Loi sur les dessins industriels, la Loi sur le droit d'auteur ou dans la Loi sur les topographies de circuits intégrés.

Time limits under the Patent Cooperation Treaty

Rule 80.5 of the Regulations under the PCT provides:

If the expiration of any period during which any document or fee must reach a national Office or intergovernmental organization falls on a day:

i. on which such Office or organization is not open to the public for the purposes of the transaction of official business;

ii. on which ordinary mail is not delivered in the locality in which such Office or organization is situated;

iii. which, where such Office or organization is situated in more than one locality, is an official holiday in at least one of the localities in which such Office or organization is situated, and in circumstances where the national law applicable by that Office or organization provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; or

iv. which, where such Office is the government authority of a Contracting State entrusted with the granting of patents, is an official holiday in part of that Contracting State, and in circumstances where the national law applicable by that Office provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day;

the period shall expire on the next subsequent day on which none of the said four circumstances exists.

CIPO takes the position that section 26 of the Interpretation Act applies to PCT international applications filed in Canada. Accordingly, where a person has a time limit under the PCT for

Délais prévus dans le Traité de coopération en matière de brevets

La règle 80.5 du Règlement d'exécution du PCT prévoit ce qui suit :

Si un délai quelconque pendant lequel un document ou une taxe doit parvenir à un office national ou à une organisation intergouvernementale expire un jour

i. où cet office ou cette organisation n'est pas ouvert au public pour traiter d'affaires officielles;

ii. où le courrier ordinaire n'est pas délivré dans la localité où cet office ou cette organisation est situé;

iii. qui, lorsque cet office ou cette organisation est situé dans plus d'une localité, est un jour férié dans au moins une des localités dans lesquelles cet office ou cette organisation est situé, et dans le cas où la législation nationale applicable par cet office ou cette organisation prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant; ou

iv. qui, lorsque cet office est l'administration gouvernementale d'un État contractant chargée de délivrer des brevets, est un jour férié dans une partie de cet État contractant, et dans le cas où la législation nationale applicable par cet office prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant;

Le délai prend fin le premier jour suivant auquel aucune de ces quatre circonstances n'existe plus.

L'OPIC estime que l'article 26 de la Loi d'interprétation s'applique aux demandes internationales du PCT déposées au Canada. Par conséquent, lorsqu'un délai prévu dans le cadre du

the filing of a document in Canada that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. CIPO, however, takes no position as to whether such extensions would be recognized by other countries, and it will be the responsibility of the person filing the document to ensure that in other countries of interest they are properly entitled to any needed extension of the time limit by reason of Rule 80.5 of the Regulations under the PCT or some other applicable law.

PCT pour le dépôt d'un document au Canada expire un jour férié provincial ou territorial, si le déposant livre le document en question le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement où une prorogation du délai est justifiée. Toutefois, il ne se prononce pas sur l'acceptation éventuelle de ces prorogations par d'autres pays; il incombera à la personne qui dépose le document de vérifier si elle a droit à une prorogation, dans d'autres pays qui l'intéressent, en vertu de la règle 80.5 du Règlement d'exécution du PCT ou d'une autre loi pertinente.

Provincial and Territorial Holidays

For the purposes of this practice notice, CIPO has identified the following as being days that are not federal holidays but that are holidays in one or more provinces or territories:

1. **Alberta**: Third Monday in February (Alberta Family Day)
2. **British Columbia**:
   - First Monday in August (British Columbia Day)
   - Second Monday in February (British Columbia Family Day)
3. **New Brunswick**: First Monday in August (New Brunswick Day)
4. **Newfoundland and Labrador**:
   - March 17 (St. Patrick's Day)
   - April 23 (St. George's Day)
   - June 24 (Discovery Day)
   - July 12 (Orangemen's Day)
   - First Monday in August (Regatta Day)
5. **Nova Scotia**: First Monday in August (Civic Holiday)
6. **Ontario**:
   - Third Monday in February (Ontario Family Day)
   - First Monday in August (Civic Holiday)
7. **Prince Edward Island**: First Monday In August (Civic Holiday)
8. **Quebec**: June 24 (St. John the Baptist Day)
9. **Saskatchewan**: First Monday in August (Saskatchewan Day)
10. **Yukon**: Third Monday in August (Discovery Day)

Jours fériés provinciaux ou territoriaux

Aux fins du présent avis, l'OPIC a indiqué que les jours ci-après, qui ne sont pas des jours fériés pour l'administration fédérale, sont des jours fériés dans au moins une province ou territoire :

1. **Alberta** : troisième lundi de février (Jour de la Famille de l'Alberta)
2. **Colombie-Britannique** :
   - premier lundi d'août (Fête de la Colombie-Britannique)
   - euxième lundi de février (Jour de Famille de la Colombe –Britannique)
3. **Nouveau-Brunswick** : premier lundi d'août (Fête du Nouveau-Brunswick)
4. **Terre-Neuve et Labrador** :
   - 17 mars (Fête de la Saint-Patrick)
   - 23 avril (Fête de la Saint-Georges)
   - 24 juin (Journée de la Découverte)
   - 12 juillet (Jour des Orangistes)
   - Premier lundi d'août (Journée de la Régate)
5. **Nouvelle-Écosse** : premier lundi d'août (congé statutaire)
6. **Ontario** :
   - troisième lundi de février (Jour de la Famille de l'Ontario)
   - premier lundi d'août (congé statutaire)
7. **L'Île-du-Prince-Edouard** : premier lundi d'août (congé civique)
8. **Québec** : 24 juin (Saint-Jean-Baptiste)
9. **Saskatchewan** : premier lundi d'août (Fête de la Saskatchewan)
10. **Yukon** : troisième lundi d'août (Journée de la Découverte)

When CIPO's Offices are closed for business

For the purposes of subsection 78(1) of the Patent Act and subsection 66(2) of the Trade-marks Act, CIPO's Offices are closed for business on the following days:

Jours de fermeture des bureaux de l'OPIC au public

Pour l'application des paragraphes 78(1) de la Loi sur les brevets et 66(2) de la Loi sur les marques de commerce, les bureaux de l'OPIC sont fermés au public les jours suivants :

- All Saturdays and Sundays
- New Year's Day (January 1)*
- Good Friday
- Easter Monday
- Victoria Day: First Monday immediately preceding May 25
- St. John the Baptist Day (June 24)*
- Canada Day (July 1)*
- Labour Day: First Monday in September
- Thanksgiving Day: Second Monday in October
- Remembrance Day (November 11)*
- Christmas Day (December 25)*
- Boxing Day (December 26)

If December 26 falls on a Saturday, CIPO's Offices will be closed on the following Monday. If December 26 falls on a Sunday or Monday, the Offices are closed on the following Tuesday.

* If any of these holidays fall on a Saturday or Sunday, the Offices will be closed on the following Monday.

- Tous les samedi et dimanche
- Jour de l'An (1er janvier)*
- Vendredi Saint
- Lundi de Pâques
- Fête de Victoria : premier lundi précédant le 25 mai
- Saint-Jean-Baptiste (le 24 juin)*
- Fête du Canada (1er juillet)*
- Fête du travail : premier lundi de septembre
- Jour de l'Action de grâces : deuxième lundi d'octobre
- Jour du souvenir (11 novembre)*
- Jour de Noël (25 décembre)*
- L'après-Noël (26 décembre)

Si le 26 décembre est un samedi, les bureaux de l'OPIC seront fermés le lundi suivant. S'il coïncide avec un dimanche ou un lundi, les bureaux le seront le mardi d'après.

* Si l'un ou l'autre de ces jours fériés est un samedi ou un dimanche, les bureaux des brevets et marques de commerce seront fermés le lundi suivant.

6. Procedures in case of an unexpected office closure at CIPO

In case of an **emergency**, CIPO will attempt to remain open for business and ensure that essential service to our clients continues with the least possible disruption or delay.

In view of the **date-sensitive nature** of intellectual property (IP), clients are advised to address important deadlines ahead of time to minimize the risk of affecting their IP rights. For the purposes of such deadlines, unless otherwise notified, clients should assume that all due dates remain in effect.

Whenever CIPO is closed for business, including closures due to extraordinary circumstances, CIPO considers **all time limits to be extended until the next day that it is open for business**. In such situations, mail delivered to CIPO or to the designated regional offices will be considered to be received on the date that CIPO re-opens for business, with the exception of correspondence addressed to the Registrar of Topographies.

There may also be instances in which the designated regional offices may be temporarily closed, yet CIPO remains open for business. In such situations, it remains the responsibility of CIPO's clients to ensure that all deadlines are respected.

Clients are **strongly encouraged** to send date-sensitive material through Canada Post by Registered Mail™ or Xpresspost™ or electronically using the relevant links set out in section 2.2 of these correspondance procedures. Documents may continue to be faxed to CIPO at 819-953-CIPO (953-2476); however date-sensitive material requiring fee payment that is sent by fax must be accompanied by a VISA, MasterCard, or American Express credit card number, or CIPO

6. Procédures en cas de fermeture des bureaux

Dans une **situation d'urgence**, l'OPIC s'efforcera de demeurer ouvert au public et d'assurer un service essentiel à ses clients, et ce, avec le moins d'interruption ou de retard possible.

Étant donné **l'importance que revêtent les délais** en matière de propriété intellectuelle (PI), il est recommandé aux clients de minimiser les risques pouvant nuire à leurs droits en matière de PI en tenant compte à l'avance des dates limites importantes. En ce qui a trait aux délais prescrits, les clients doivent respecter toutes les dates d'échéance, à moins d'avis contraire.

Dans les cas où l'OPIC est fermé au public, y compris pour des raisons exceptionnelles, **les dates limites seront réputées être reportées au prochain jour où l'OPIC sera ouvert au public**. Le cas échéant, sauf pour la correspondance adressée au registraire des topographies, le courrier livré à l'OPIC ou aux bureaux régionaux désignés sera réputé avoir été reçu le jour où l'OPIC rouvre au public.

Il pourrait y avoir des cas où les bureaux régionaux seraient fermés temporairement, mais où l'OPIC resterait ouvert au public. Le cas échéant, les clients de l'OPIC demeurent responsables du respect de tous les échéanciers.

Les clients sont **fortement encouragés** à faire parvenir les documents assujettis à des délais précis par Postes Canada par Courrier recommandé^MC, par Xpresspost^MC ou par voie électronique en utilisant les liens spécifiés à l'article 2.2 de ces procédures de correspondance. Il est toujours possible de télécopier des documents à l'OPIC en composant le 819-953-OPIC (953-6742). Cependant, les documents assujettis à des délais pour lesquels des frais sont exigés, envoyés par

deposit account number.

télécopieur, doivent être accompagnés d'un numéro de carte VISA, Mastercard ou American Express ou d'un numéro de compte de dépôt à l'OPIC.

When possible during an emergency, information and search systems will continue to be available on our website; however, services provided through the Client Service Centre and other support areas within CIPO may be temporarily unavailable. Should an emergency occur, CIPO will post information on our service interruptions as they become available and as circumstances permit.

En cas d'urgence, les systèmes d'information et de recherche seront, dans la mesure du possible, accessibles à partir de notre site Web; toutefois, les services fournis par le Centre de services à la clientèle et les autres services de soutien de l'OPIC pourraient temporairement ne pas être offerts. En cas d'urgence, l'OPIC affichera les renseignements nécessaires sur notre page d'interruptions des services lorsque ceux-ci seront disponibles et si les circonstances le permettent.

7. Procedures when CIPO is open for business but clients are unable to communicate with the Office

7. Procédures à suivre lorsque les clients sont incapables de communiquer avec les bureaux de l'Office de la propriété intellectuelle du Canada durant les heures d'ouverture

Patents, Industrial Design, Copyright and Integrated Circuit Topography

The legislative framework in relation with the abovementioned types of intellectual property does not provide CIPO with the flexibility to extend deadlines when it is open for business but clients are unable to communicate with the Office.

In these situations it remains the responsibility of clients to ensure that all deadlines are respected.

Brevets, dessins industriels, droit d'auteur et topographies de circuits intégrés

Le cadre législatif relié aux types de propriété intellectuelle mentionnés ci-haut ne permet pas à l'OPIC d'avoir la flexibilité de proroger les délais lors d'une journée ouvrable pendant laquelle les clients sont dans l'impossibilité de communiquer avec le bureau.

Dans une telle situation, les clients demeurent tenus de veiller à ce que les échéances soient respectées.

Trademarks

The Trade-marks Act and Regulations does allow clients to request a retroactive extension of time when a due date has been missed due to a force majeure type situation. For a retroactive extension of time to be granted, the Registrar of Trade-marks must be satisfied that the failure to do the act or apply for an extension of time before the original due date was not reasonably avoidable. A prescribed fee of $125 may be required in certain cases.

CIPO notes that Bill C-59 – Budget Implementation Act 2015, which received royal assent on June 23, 2015, contains provisions for extensions of time in Force Majeure-type situations (such as catastrophic events). CIPO has commenced work on regulatory amendments to the Patent Rules, Trade-Marks Regulations and the Industrial Design Regulations to bring Bill C-59 into force.

Marques de commerce

La Loi sur les marques de commerce et le Règlement sur les marques de commerce permettent aux clients de demander une prorogation rétroactive lorsqu'un délai n'a pas été respecté en raison d'une situation de force majeure. Pour qu'une prorogation rétroactive soit accordée, le registraire des marques de commerce doit être convaincu que l'omission d'accomplir l'acte ou de demander la prorogation avant la date initiale d'échéance n'était pas raisonnablement évitable. Un droit prescrit de 125 $ peut être exigé dans certains cas.

L'OPIC souligne que le projet de loi C-59 – Loi d'exécution du budget 2015, qui a reçu la sanction royale le 23 juin 2015, renferme des dispositions permettant la prorogation de délais dans des cas de force majeure (événements catastrophiques par exemple). L'OPIC a entamé des travaux visant à apporter des modifications réglementaires aux Règles sur les brevets, au Règlement sur les marques de commerce et au Règlement sur les dessins industriels afin de mettre le projet de loi C-59 en vigueur.

8. Intellectual property acts, rules and regulations

- Copyright Act
- Copyright Regulations
- Industrial Design Act
- Industrial Design Regulations
- Integrated Circuit Topography Act
- Integrated Circuit Topography Regulations
- Interpretation Act
- Patent Act
- Patent Rules
- Regulations under the PCT
- Trade-marks Regulations

8. Lois, règles et règlements sur la propriété intellectuelle

- Loi sur le droit d'auteur
- Règlement sur le droit d'auteur
- Loi sur les dessins industriels
- Règlement sur les dessins industriels
- Loi sur les topographies de circuits intégrés
- Règlement sur les topographies de circuits intégrés
- Loi d'interprétation
- Loi sur les brevets
- Règles sur les brevets
- Règlement d'exécution du PCT
- Règlement sur les marques de commerce

15. Canadian Applications Open to Public Inspection

The *Canadian Patent Office Record* of March 13, 2018 contains applications open to public inspection from February 25, 2018 to March 3, 2018.

15. Demandes canadiennes mises à la disponibilité du public

La *Gazette du bureau des brevets* du 13 mars 2018 contient les demandes disponibles au public pour consultation pour la période du 25 février 2018 au 3 mars 2018.

Canadian Patents Issued

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[54] **DISPOSITIFS ET METHODES D'ELIMINATION DE LA PLAQUE DANS UN VAISSEAU SANGUIN**
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[54] **IMPROVED METHODS AND DEVICES FOR DELIVERING A THERAPEUTIC PRODUCT TO THE OCULAR SPHERE OF A SUBJECT**
[54] **AMELIORATIONS APPORTEES A DES METHODES ET A DES DISPOSITIFS DESTINES A L'ADMINISTRATION DE PRODUITS THERAPEUTIQUES A LA SPHERE OCULAIRE D'UN PATIENT**
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[54] **TRITURATEUR EQUIPE D'UN MOTEUR-COUPLE**
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[72] CARRA, ROLAND, DE
[72] BOZANO, STEFANO, IT
[73] BTA INTERNATIONAL GMBH, DE
[73] BIOTEC SISTEMI S.R.L., IT
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[54] **SELECTIVE EXOSITE INHIBITION OF PAPP-A ACTIVITY AGAINST IGFBP-4**
[54] **INHIBITION DE L'EXOSITE SELECTIF DE L'ACTIVITE DE PAPP-A CONTRE IGFBP-4**
[72] OXVIG, CLAUS, DK
[72] MIKKELSEN, JAKOB HAUGE, DK
[72] NIELSEN, CLAUS GYRUP, DK
[73] AARHUS UNIVERSITET, DK
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[54] **SYSTEM AND METHOD FOR HOME ENERGY MONITOR AND CONTROL**
[54] **SYSTEME ET PROCEDE POUR LA SURVEILLANCE ET LE CONTROLE D'ENERGIE DOMESTIQUE**
[72] FRADER-THOMPSON, SETH, US
[72] MUEHLEN, STEPHAN VON, US
[72] KENNEDY, THOMAS, US
[73] ENERGY HUB, US
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[54] **DUAL REHEAT RANKINE CYCLE SYSTEM AND METHOD THEREOF**
[54] **INSTALLATION A CYCLE DE RANKINE A DOUBLE POSTCOMBUSTION ET METHODE CONNEXE**
[72] LEHAR, MATTHEW ALEXANDER, DE
[73] GENERAL ELECTRIC COMPANY, US
[73] LEHAR, MATTHEW ALEXANDER, ZZ
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[54] **EVALUATING EFFECTIVENESS OF CLAIMS EVALUATION, ASSESSMENT, AND SETTLEMENT PROCESSES**
[54] **EVALUATION DE L'EFFICACITE DE L'EVALUATION DE RECLAMATION, DE SON ESTIMATION ET PROCEDES DE REGLEMENT**
[72] SCALET, FRANK, US
[72] HENRY, SCOTT, US
[72] WATTERS, CLIFTON, US
[72] DULOCK, SCOTT, US
[73] COMPUTER SCIENCES CORPORATION, US
[73] SCALET, FRANK, ZZ
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[54] **IMMUNOTHERAPIE CIBLANT DES AGENTS PATHOGENES INTRACELLULAIRES**
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[73] LIFE SCIENCES RESEARCH PARTNERS VZW, BE
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[54] **RELEASABLY ATTACHABLE END PIECE TO A POLE**
[54] **EMBOUT A FIXATION LIBERABLE RACCORDE A UN BATON**
[72] KARLOF, LARS, NO
[72] PEDERSEN, SVEIN, NO
[72] REITEN, ELISE, NO
[73] SWIX SPORT AS, NO
[73] KARLOF, LARS, ZZ
[73] PEDERSEN, SVEIN, ZZ
[73] REITEN, ELISE, ZZ
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[87] (2716579)
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[54] **METHODS FOR FORMING ANTI-REFLECTION STRUCTURES FOR CMOS IMAGE SENSORS**
[54] **PROCEDES DE CREATION DE STRUCTURES ANTIREFLET POUR CAPTEURS D'IMAGES CMOS**
[72] ADKISSON, JAMES W., US
[72] ELLIS-MONAGHAN, JOHN J., US
[72] GAMBINO, JEFFREY P., US
[72] MUSANTE, CHARLES F., US
[73] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
[73] ADKISSON, JAMES W., ZZ
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[54] **IMPROVED DECENTRALIZED INDUSTRIAL PROCESS SIMULATION SYSTEM**
[54] **SYSTEME DE SIMULATION PERFECTIONNE POUR PROCEDE INDUSTRIEL DECENTRALISE**
[72] CHENG, XU, US
[72] KEPHART, RICHARD W., US
[72] WEN, CHENG TAO, US
[72] YDSTIE, B. ERIK, US
[73] EMERSON PROCESS MANAGEMENT POWER & WATER SOLUTIONS, INC., US
[73] CHENG, XU, ZZ
[73] KEPHART, RICHARD W., ZZ
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[73] YDSTIE, B. ERIK, ZZ
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[54] **UNACYLATED GHRELIN AND ANALOGS AS THERAPEUTIC AGENTS FOR VASCULAR REMODELING IN DIABETIC PATIENTS AND TREATMENT OF CARDIOVASCULAR DISEASE**
[54] **GHRELINE NON ACYLEE ET ANALOGUES EN TANT QU'AGENTS THERAPEUTIQUES POUR UN REMODELAGE VASCULAIRE CHEZ DES PATIENTS DIABETIQUES ET TRAITEMENT D'UNE MALADIE CARDIOVASCULAIRE**
[72] BRIZZI, MARIA FELICE, IT
[72] MUCCIOLI, GIAMPIERO, IT
[72] GHIGO, EZIO, IT
[73] ALIZE PHARMA SAS, FR
[73] BRIZZI, MARIA FELICE, ZZ
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[54] **FOAMING ALCOHOL COMPOSITIONS WITH SELECTED DIMETHICONE SURFACTANTS**
[54] **COMPOSITIONS MOUSSANTES D'ALCOOL AVEC TENSIOACTIFS DE DIMETHICONE CHOISIS**
[72] WEGNER, JOSEPH R., US
[72] LITTAU, CHERYL A., US
[73] ECOLAB INC., US
[73] WEGNER, JOSEPH R., ZZ
[73] LITTAU, CHERYL A., ZZ
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[25] EN
[54] **AN AID FOR TRAINING VISUAL SKILLS ASSOCIATED WITH A SELECTED ACTIVITY**
[54] **AIDE POUR L'ENTRAINEMENT AUX HABILETES VISUELLES ASSOCIEES A UNE ACTIVITE SELECTIONNEE**
[72] PIKET, DAVE, CA
[73] PIKET, DAVE, CA
[86] (2725679)
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[54] **APPARATUS AND METHOD FOR STEERING ANGLE MEASUREMENT OF AN AIRCRAFT LANDING GEAR AND AN AIRCRAFT LANDING GEAR**
[54] **APPAREIL ET PROCEDE DE MESURE DE L'ANGLE DE BRAQUAGE DU TRAIN D'ATTERRISSAGE D'UN AERONEF ET TRAIN D'ATTERRISSAGE D'UN AERONEF**
[72] STRAUB, ANTON, DE
[72] MEYER, JOERG, DE
[72] FRITSCHI, RAINER, DE
[72] KOPF, MICHAEL, DE
[73] LIEBHERR-AEROSPACE LINDENBERG GMBH, DE
[73] STRAUB, ANTON, ZZ
[73] MEYER, JOERG, ZZ
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[54] **EXPRESSION AND ASSEMBLY OF HUMAN GROUP C ROTAVIRUS-LIKE PARTICLES AND USES THEREOF**
[54] **EXPRESSION ET ASSEMBLAGE DE PARTICULES DE TYPE ROTAVIRUS DU GROUPE C HUMAIN ET LEURS UTILISATIONS**
[72] JIANG, BAOMING, US
[73] JIANG, BAOMING, ZZ
[73] THE GOVERNMENT OF THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES, US
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[54] **WHIRLPOOL JET NOZZLE ASSEMBLY AND JET APPARATUS**
[54] **BUSE A JET TOURBILLON ET APPAREIL A JETS**
[72] YUHAS, DREW J., US
[72] WEBSTER, MICHAEL J., US
[73] AS IP HOLDCO, L.L.C., US
[73] YUHAS, DREW J., ZZ
[73] WEBSTER, MICHAEL J., ZZ
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[54] **MATRICE-SUPPORT POUR RESERVOIR DE CONFINEMENT**
[72] BISHOP, MERRILL E., US
[73] BISHOP, MERRILL E., US
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[25] EN
[54] **METHOD AND SYSTEM FOR PRODUCING ELECTROCATALYTIC COATINGS AND ELECTRODES**
[54] **PROCEDE ET SYSTEME DE PROPDUCTION DE REVETEMENTS ELECTROCATALYTIQUES ET ELECTRODES CONNEXES**
[72] GUAY, DANIEL, CA
[72] IRISSOU, ERIC, CA
[72] LEGOUX, JEAN-GABRIEL, CA
[72] ROUE, LIONEL, CA
[73] INSTITUT NATIONAL DE LA RECHERCHE SCIENTIFIQUE (INRS), CA
[73] GUAY, DANIEL, CA
[73] IRISSOU, ERIC, CA
[73] LEGOUX, JEAN-GABRIEL, CA
[73] ROUE, LIONEL, CA
[73] NATIONAL RESEARCH COUNCIL CANADA (NRC), CA
[86] (2726859)
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[54] **DUAL ACTING STRAIN RELIEF APPARATUS**
[54] **APPAREIL REDUCTEUR DE TENSION A DOUBLE ACTION**
[72] SCHROCK, KEVIN, US
[73] HONEYWELL INTERNATIONAL INC., US
[73] SCHROCK, KEVIN, ZZ
[86] (2729393)
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[54] **COMPONENT WITH A SELF-HEALING SURFACE LAYER, SELF-HEALING ENAMEL OR COATING POWDER WITH SELF-HEALING PROPERTIES**
[54] **COMPOSANT POURVU D'UNE COUCHE SUPERFICIELLE AUTOCICATRISANTE, VERNIS AUTOCICATRISANT OU POUDRE DE REVETEMENT PRESENTANT DES PROPRIETES AUTOCICATRISANTES**
[72] DOYE, CHRISTIAN, DE
[72] HOFACKER, OLIVER, DE
[72] JENSEN, JENS DAHL, DE
[72] KRUEGER, URSUS, DE
[73] SIEMENS AKTIENGESELLSCHAFT, DE
[73] DOYE, CHRISTIAN, ZZ
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[54] **MODULATING DRUG RELEASE RATE BY CONTROLLING THE KINETICS OF THE PH TRANSITION IN HYDROGELS**
[54] **MODULATION DE LA VITESSE DE LIBERATION DE MEDICAMENTS EN CONTROLANT LA TRANSITION DU PH DANS DES HYDROGELS**
[72] BLASKOVICH, PHILLIP, US
[72] OHRI, RACHIT, US
[72] COSTA, DANIEL S., US
[73] CONFLUENT SURGICAL, INC., US
[73] BLASKOVICH, PHILLIP, ZZ
[73] OHRI, RACHIT, ZZ
[73] COSTA, DANIEL S., ZZ
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[25] FR
[54] **GARNITURE EXTERIEURE DESTINEE A UN CADRE DE PORTE DE VEHICULE A MOTEUR ET MODULE D'ETANCHEITE INCORPORANT LADITE GARNITURE**
[54] **EXTERIOR TRIM FOR MOTOR VEHICLE DOOR FRAME, AND SEALING MODULE INCORPORATING SAME**
[72] BARATIN, SYLVAIN, FR
[73] HUTCHINSON, FR
[73] BARATIN, SYLVAIN, ZZ
[86] (2731148)
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[22] 2011-02-07
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[54] **TOOL FOR CREATING A PERFORATION OR CAVITY IN THE BONE STRUCTURE IN CONTACT WITH THE SINUS MEMBRANE**
[54] **OUTIL POUR CREER UN TROU OU UNE CAVITE DANS LA STRUCTURE OSSEUSE EN CONTACT AVEC LA MEMBRANE SINUSIENNE**
[72] DRICOT, ROLAND, BE
[73] DRICOT, ROLAND, BE
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[25] EN
[54] **.DELTA.6 DESATURASES AND THEIR USE IN MAKING POLYUNSATURATED FATTY ACIDS**
[54] **.DELTA.6 DESATURASES ET LEUR UTILISATION DANS LA FABRICATION D'ACIDES GRAS POLYETHYLENIQUES**
[72] YADAV, NARENDRA S., US
[72] XUE, ZHIXIONG, US
[72] ZHU, QUN, US
[72] ZHANG, HONGXIANG, US
[73] E.I. DU PONT DE NEMOURS AND COMPANY, US
[73] YADAV, NARENDRA S., ZZ
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[54] **METHODE D'ANALYSE DE PALES ROTATIVES**
[72] JOUSSELIN, OLIVIER, GB
[73] ROLLS-ROYCE PLC, GB
[73] JOUSSELIN, OLIVIER, ZZ
[86] (2732571)
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[54] **RAIL SYSTEM IN A WIND TURBINE**
[54] **SYSTEME DE RAIL DANS UNE EOLIENNE**
[72] ERIKSEN, UFFE, DK
[72] MUNK-HANSEN, THORKIL, DK
[73] SIEMENS AKTIENGESELLSCHAFT, DE
[73] ERIKSEN, UFFE, ZZ
[73] MUNK-HANSEN, THORKIL, ZZ
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[25] EN
[54] **FILMS AND ARTICLES MADE WITH THERMOPLASTIC BLOCK COPOLYMERS**
[54] **FILMS ET ARTICLES FAITS AVEC DES COPOLYMERES A BLOCS THERMOPLASTIQUES**
[72] MELTZER, DONALD A., US
[72] WIESSNER, ROBERT J., NL
[72] FARKAS, JULIUS, US
[73] LUBRIZOL ADVANCED MATERIALS, INC., US
[73] MELTZER, DONALD A., ZZ
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[51] **Int.Cl. E21B 43/12 (2006.01) E21B 43/18 (2006.01)**
[25] EN
[54] **ARTIFICIAL LIFT SYSTEM AND METHOD FOR WELL**
[54] **SYSTEME ET PROCEDE DE LEVAGE ARTIFICIEL POUR PUITS**
[72] ROGERS, BRADLEY CRAIG, US
[73] HARBISON-FISCHER, INC., US
[73] ROGERS, BRADLEY CRAIG, ZZ
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[51] **Int.Cl. G01M 9/06 (2006.01)**
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[54] **DETERMINING ANGULAR DEPENDENCE OF AERODYNAMIC DRAG AREA FOR A VEHICLE**
[54] **DETERMINATION DE LA DEPENDANCE ANGULAIRE DE LA ZONE DE TRAINEE AERODYNAMIQUE D'UN VEHICULE**
[72] FRONCIONI, ANDY, CA
[72] CHUNG, ROBERT, US
[73] GARMIN SWITZERLAND GMBH, CH
[86] (2733424)
[87] (2733424)
[22] 2011-03-07
[30] US (61/447,612) 2011-02-28
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[25] EN
[54] **MODULARIZED SYSTEM AND METHOD FOR UREA PRODUCTION USING A BIO-MASS FEEDSTOCK**
[54] **SYSTEME MODULAIRE ET PROCEDE DE PRODUCTION D'UREE A L'AIDE D'UNE CHARGE D'ALIMENTATION FORMEE D'UNE BIOMASSE**
[72] COLLINS, TERRY R., US
[72] SIMONTON, JAMES L., US
[72] BERUVIDES, MARIO G., US
[72] LOZADA, JESSIE, US
[73] COLLINS, TERRY R., ZZ
[73] SIMONTON, JAMES L., ZZ
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[73] TRIMEC BIOGAS TECHNOLOGY LTD., CA
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[72] THIELMAN, BRETT, US
[72] GREALY, GARY P., US
[73] WAGSTAFF, INC., US
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[72] DUNLOP, JONATHAN, GB
[72] BELASKIE, JAMES, CN
[73] SCHLUMBERGER CANADA LIMITED, CA
[73] ALDRED, WALTER, ZZ
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[54] **DEVICES AND METHODS FOR MINIMIZING AND TREATING HIGH-ALTITUDE SICKNESS**
[54] **DISPOSITIFS ET PROCEDES PERMETTANT DE REDUIRE AU MINIMUM ET DE TRAITER LE MAL D'ALTITUDE**
[72] FINE, DAVID, US
[72] VASQUEZ, GREGORY, US
[72] JOHNSON, BRYAN, US
[73] GENO LLC, US
[73] FINE, DAVID, ZZ
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[54] **DETERMINING ELECTRIC GRID ENDPOINT PHASE CONNECTIVITY**
[54] **DETERMINATION DE LA CONNECTIVITE DE PHASE DE POINT D'EXTREMITE D'UN RESEAU ELECTRIQUE**
[72] VASWANI, RAJ, US
[72] VAN GREUNEN, JANA, US
[72] GOSTRER, ALEXANDER, US
[73] SILVER SPRING NETWORKS, INC., US
[73] VASWANI, RAJ, ZZ
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[73] GOSTRER, ALEXANDER, ZZ
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[54] **COMBINATIONS OF SPORE-FORMING BACTERIUM AND INSECT CONTROL AGENT FOR PROTECTING GENETICALLY MODIFIED SEEDS FROM NEMATODES**
[54] **COMBINAISONS DE BACTERIES FORMANT DES SPORES ET AGENT DE LUTTE CONTRE LES INSECTES POUR PROTEGER DES GRAINES GENETIQUEMENT MODIFIEES CONTRE LES NEMATODES**
[72] RIGGS, JENNIFER, US
[73] RIGGS, JENNIFER, ZZ
[73] BAYER INTELLECTUAL PROPERTY GMBH, DE
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[54] **PROCEDE DE FABRICATION DE PLAQUES D'ALUMINIUM A CONDUCTIVITE ELECTRIQUE ELEVEE**
[72] LAVOIE, MICHEL, CA
[73] 9128 - 5270 QUEBEC INC., CA
[73] LAVOIE, MICHEL, CA
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[54] **WAX BLENDS FOR USE WITH ENGINEERED WOOD COMPOSITES**
[54] **MELANGES DE CIRES UTILISES AVEC DES COMPOSITES DE BOIS DE HAUTE TECHNOLOGIE**
[72] THEBERGE, JEAN-PASCAL, US
[72] LILES, WINFORD TERRY, US
[73] HUBER ENGINEERED WOODS LLC, US
[73] THEBERGE, JEAN-PASCAL, ZZ
[73] LILES, WINFORD TERRY, ZZ
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[54] **ELECTRICAL SWITCHGEAR, IN PARTICULAR SWITCHGEAR FOR MEDIUM VOLTAGE DISTRIBUTION**
[54] **APPAREILLAGE DE COMMUTATION ELECTRIQUE, EN PARTICULIER, APPAREILLAGE DE DISTRIBUTION DE TENSION**
[72] NARIN, GUEVEN, DE
[72] STEIN, RAINER, DE
[72] LANG, FRANZ, DE
[72] WROBEL, FRANK, DE
[73] SCHNEIDER ELECTRIC SACHSENWERK GMBH, DE
[73] NARIN, GUEVEN, ZZ
[73] STEIN, RAINER, ZZ
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[54] **MACHINE ELECTRIQUE**
[72] LE BESNERAIS, JEAN, FR
[73] SIEMENS AKTIENGESELLSCHAFT, DE
[73] LE BESNERAIS, JEAN, ZZ
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[54] **APPARATUS FOR SHIELDING SENSITIVE FILE, SERVER COMPUTER OF THE SAME, METHOD AND COMPUTER PROGRAM PRODUCT FOR THE SAME**
[54] **ORDINATEUR CLIENT POUR PROTEGER UN FICHIER CONFIDENTIEL, ORDINATEUR SERVEUR ASSOCIE, PROCEDE ASSOCIE ET PROGRAMME D'ORDINATEUR**
[72] CHINEN, MITSURU, JP
[72] NODA, SHINSUKE, JP
[73] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
[73] CHINEN, MITSURU, ZZ
[73] NODA, SHINSUKE, ZZ
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[54] **DISPOSITIF D'EQUILIBRAGE DE LA PRESSION**
[72] RATCLIFFE, JAMES DAVID, GB
[72] BROOM, NICHOLAS PETER, GB
[72] GILL, TIMOTHY MICHAEL, GB
[73] SONDEX WIRELINE LIMITED, GB
[73] RATCLIFFE, JAMES DAVID, ZZ
[73] BROOM, NICHOLAS PETER, ZZ
[73] GILL, TIMOTHY MICHAEL, ZZ
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[54] **HYDROGEL IMPLANTS WITH VARYING DEGREES OF CROSSLINKING**
[54] **IMPLANTS D'HYDROGEL A CARACTERISTIQUES DE RETICULATION VARIABLES**
[72] BENNETT, STEVEN, US
[72] MAST, NATHANIEL, US
[72] LAVIGNE, KEVIN, US
[72] SKALLA, WALTER, US
[73] BENNETT, STEVEN, ZZ
[73] MAST, NATHANIEL, ZZ
[73] LAVIGNE, KEVIN, ZZ
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[73] TYCO HEALTHCARE GROUP LP, US
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[54] **METHODE DE SCELLEMENT DES JOINTS D'UNION SOUS LA BANDE D'ETANCHEITE**
[72] CLEARFIELD, HOWARD M., US
[72] PARSONS, GARY D., US
[72] JOHNSON, KATHERINE L., US
[73] DOW GLOBAL TECHNOLOGIES LLC, US
[73] CLEARFIELD, HOWARD M., ZZ
[73] PARSONS, GARY D., ZZ
[73] JOHNSON, KATHERINE L., ZZ
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[54] **LONGERON DE CADRE DE CHASSIS D'UNE REMORQUE ET PLAQUE D'ARRIMAGE SOLIDAIRES**
[72] PLAZEK, BRETT, US
[73] WILSON TRAILER COMPANY, US
[73] PLAZEK, BRETT, ZZ
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[54] **METHOD FOR INCREASING AND REGULATING LIGHT EMISSION FROM A CHEMILUMINESCENT REACTION**
[54] **METHODE POUR ACCROITRE ET REGULER L'EMISSION LUMINEUSE D'UNE REACTION CHIMILUMINESCENTE**
[72] DELLA CIANA, LEOPOLDO, IT
[72] RODEGHIERO, FEDERICA, IT
[72] PERCIACCANTE, ROSSANA, IT
[73] CYANAGEN S.R.L., IT
[73] DELLA CIANA, LEOPOLDO, ZZ
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[54] **HIGH PRESSURE WATER CLEANER WITH DETACHABLE WATER TANK**
[54] **DISPOSITIF DE NETTOYAGE A L'EAU HAUTE PRESSION AVEC RESERVOIR D'EAU AMOVIBLE**
[72] HOU, JAMES S. T., HK
[73] ACTIVE PRODUCTS INTERNATIONAL LIMITED, HK
[73] HOU, JAMES S. T., ZZ
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[54] **PERFORATED WEB PRODUCT FORMED WITH LIQUID WEAKENER**
[54] **PRODUIT DE BANDE PERFOREE FORME A L'AIDE D'UN ECLAIRCISSANT LIQUIDE**
[72] MCNEIL, KEVIN B., US
[72] SINGER, JAMES M., US
[73] THE PROCTER & GAMBLE COMPANY, US
[73] MCNEIL, KEVIN B., ZZ
[73] SINGER, JAMES M., ZZ
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[54] **COMPOSITION ET METHODE DE LUTTE CONTRE LES MALADIES VEGETALES**
[72] KURAHASHI, MAKOTO, JP
[72] MATSUZAKI, YUICHI, JP
[73] SUMITOMO CHEMICAL COMPANY, LIMITED, JP
[73] KURAHASHI, MAKOTO, ZZ
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[54] **STABILISATION RACHIDIENNE OBLIQUE GUIDEE PAR ROBOT**
[72] BAR, YOSSEF, IL
[72] ZEHAVI, ELI, IL
[72] LIEBERMAN, ISADORE, US
[72] SHOHAM, MOSHE, IL
[73] MAZOR ROBOTICS LTD, IL
[73] BAR, YOSSEF, ZZ
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[73] THE COMMONWEALTH OF AUSTRALIA, AU
[73] GERRARD, DARREN R., ZZ
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[54] **VENTILATEUR DE TOIT REGLABLE**
[72] LEPAGE, LOUIS, CA
[73] CONDOR CHIMIQUES INC., CA
[73] LEPAGE, LOUIS, CA
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[54] **SYSTEME ET PROCEDE POUR LA DETECTION DE PARASITES A L'ENTREE DES SIGNAUX**
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[54] **PARTICULES ABRASIVES DE FORME SPECIFIQUE PRESENTANT UNE PAROI LATERALE INCLINEE**
[72] ADEFRIS, NEGUS B., US
[72] ERICKSON, DWIGHT D., US
[72] CULLER, SCOTT R., US
[72] BODEN, JOHN T., US
[72] HAAS, JOHN D., US
[73] 3M INNOVATIVE PROPERTIES COMPANY, US
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[73] YIP, ROMUALD, AU
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[54] **DISPOSITIF D'AFFICHAGE TACTILE**
[72] HAN, JEFFERSON Y., US
[73] HAN, JEFFERSON Y., ZZ
[73] MICROSOFT TECHNOLOGY LICENSING, LLC, US
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[54] **NOUVEAUX LIGANDS DES RECEPTEURS D'ADENOSINE ET LEURS APPLICATIONS**
[72] MAYER, STANISLAS, FR
[72] SCHANN, STEPHAN, FR
[72] GARDAN, SOPHIE, FR
[73] MAYER, STANISLAS, ZZ
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[54] **COQUES POLYMERES**
[72] CARRICK, CHRISTOFHER, SE
[72] PETTERSSON, BERT, SE
[72] VAGBERG, LARS, SE
[72] RUDA, MARCUS, SE
[73] CARRICK, CHRISTOFHER, ZZ
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[73] CELLUTECH AB, SE
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[54] **PROCEDE ET SYSTEME DE REMPLISSAGE OPTIMISE D'UN CONTENANT**
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[72] TROMEUR, PASCAL J., FR
[72] WANG, JUSTIN J., US
[73] L'AIR LIQUIDE-SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE, FR
[73] COIGNET, PHILIPPE A., ZZ
[73] TROMEUR, PASCAL J., ZZ
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[54] **ONBOARD UNIT AND METHOD FOR CHARGING OCCUPANT NUMBER-DEPENDENT TOLLS FOR VEHICLES**
[54] **APPAREIL DE BORD ET METHODE DE FACTURATION DE PEAGES SELON LE NOMBRE D'OCCUPANTS DESTINES A DES VEHICULES**
[72] KARNER, GEORG, AT
[73] KAPSCH TRAFFICCOM AG, AT
[73] KARNER, GEORG, ZZ
[86] (2751960)
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[22] 2011-09-08
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[54] **EVALUATION DES CANAUX DANS UN SYSTEME DE TRANSMISSION A MULTIPLEXAGE PAR REPARTITION ORTHOGONALE DE LA FREQUENCE (OFDM).**
[72] CZINK, NICOLAI, AT
[72] ZEMEN, THOMAS, AT
[72] BERNADO, LAURA, AT
[72] MOLISCH, ANDREAS, US
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[73] ONCOLIX, INC., US
[73] CHEN, WEN Y., ZZ
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[72] TAMBURIN, LUCA, DE
[73] RUGGLI PROJECTS AG, CH
[73] TAMBURIN, LUCA, ZZ
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[54] **MULTILAYER MICROFLUIDIC PROBE HEAD AND METHOD OF FABRICATION THEREOF**
[54] **TETE DE SONDE MICROFLUIDIQUE MULTICOUCHE ET SON PROCEDE DE FABRICATION**
[72] DELAMARCHE, EMMANUEL, CH
[72] DRECHSLER, UTE, CH
[72] LOVCHIK, ROBERT, CH
[73] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
[73] DELAMARCHE, EMMANUEL, ZZ
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[54] **ADAPTATEUR D'INHALATEUR POUR APPAREIL A DIFFRACTION LASER ET PROCEDE DE MESURE DE LA DISTRIBUTION GRANULOMETRIQUE**
[72] ADAMO, BENOIT, US
[72] SHAH, SAIYAM, US
[72] SMUTNEY, CHAD C., US
[73] MANNKIND CORPORATION, US
[73] ADAMO, BENOIT, ZZ
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[54] **LENTILLE DE FORME LIBRE AVEC DES VARIATIONS D'INDICE DE REFRACTION**
[72] WIDMAN, MICHAEL F., US
[72] ENNS, JOHN B., US
[72] POWELL, MARK P., US
[72] SITES, PETER W., US
[73] JOHNSON & JOHNSON VISION CARE, INC., US
[73] WIDMAN, MICHAEL F., ZZ
[73] ENNS, JOHN B., ZZ
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[54] **APPAREIL ET PROCEDE PERMETTANT DE CONTROLER LA MATURATION D'INSECTES ECLOS EN MILIEU AQUATIQUE**
[72] HOLLAND, KRISTIAN J. K., CA
[72] ULIBARRI, GERARDO, CA
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[54] **IMPROVEMENTS TO APPARATUS, ARTICLE AND METHOD FOR REDUCING PAIN DURING SKIN PUNCTURING PROCEDURES**
[54] **AMELIORATIONS APPORTEES A UN APPAREIL, ARTICLE ET PROCEDE PERMETTANT D'ATTENUER LA DOULEUR LORS DE PROCEDURES IMPLIQUANT DE PERFORER LA PEAU**
[72] GOLDBERG, STEVEN, US
[72] SCHIFF, DAVID, US
[72] EVANS, CHRIS, US
[72] COLEMAN, JOHN, US
[73] BING INNOVATIONS, LLC, US
[73] GOLDBERG, STEVEN, ZZ
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[54] **PEPTIDE AUXILIAIRE ANTIGENIQUE DE CANCER**
[72] SUGIYAMA, HARUO, JP
[73] INTERNATIONAL INSTITUTE OF CANCER IMMUNOLOGY, INC., JP
[73] SUGIYAMA, HARUO, ZZ
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[54] **DECODING APPARATUS, DECODING METHOD, ENCODING APPARATUS, ENCODING METHOD, AND EDITING APPARATUS**
[54] **APPAREIL DE DECODAGE, PROCEDE DE DECODAGE, APPAREIL DE CODAGE, PROCEDE DE CODAGE ET APPAREIL D'EDITION**
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[73] GVBB HOLDINGS S.A.R.L., LU
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[54] **PROCEDE D'EXECUTION D'UNE APPLICATION AU MOYEN D'UN SUPPORT DE DONNEES PORTABLE**
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[73] GIESECKE+DEVRIENT MOBILE SECURITY GMBH, DE
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[72] TANG, SONGFA, CN
[72] ZHAO, YONG, CN
[73] ZHONGSHAN BROAD-OCEAN MOTOR MANUFACTURING CO., LTD, CN
[73] TANG, SONGFA, ZZ
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[54] **PREPARATION DE BIOCOMBUSTIBLES ET D'AUTRES PRODUITS UTILES TELS QUE LE 5-(HYDROXYMETHYL)FURFURAL**
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[73] EVE RESEARCH INC., BB
[73] MACKINTOSH, ALEXIS FOSSE, CA
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[54] **TAMPON POUR PREPARER UNE BOISSON, RECIPIENT COMPRENANT PLUSIEURS TAMPONS, APPAREIL ET PROCEDE POUR PREPARER LA BOISSON**
[72] VAN DER VEEN, JOS CHRISTIAAN, NL
[72] HOEKSTRA, THOMAS, NL
[72] BIESHEUVEL, AREND CORNELIS JACOBUS, NL
[73] VAN DER VEEN, JOS CHRISTIAAN, ZZ
[73] HOEKSTRA, THOMAS, ZZ
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[73] KONINKLIJKE DOUWE EGBERTS B.V., NL
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[54] **TUBE DE SCELLEMENT**
[72] KLEIN, MANFRED, DE
[72] HAGER, TOM, DE
[73] HILTI AKTIENGESELLSCHAFT, LI
[73] KLEIN, MANFRED, ZZ
[73] HAGER, TOM, ZZ
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[54] **PROCEDE D'IDENTIFICATION D'UNE ESPECE HERBAGERE**
[72] MOINGEON, PHILIPPE, FR
[72] BATARD, THIERRY, FR
[72] NONY, EMMANUEL, FR
[73] MOINGEON, PHILIPPE, ZZ
[73] BATARD, THIERRY, ZZ
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[54] **DEVICE FOR TRANSFERRING A WEB-LIKE MATERIAL IN A FIBER WEB MACHINE AND A FIBER WEB MACHINE**
[54] **DISPOSITIF POUR TRANSFERER UN MATERIAU EN FORME DE BANDE CONTINUE DANS UNE MACHINE A BANDE CONTINUE FIBREUSE ET MACHINE A BANDE CONTINUE FIBREUSE**
[72] HAKULI, MIKKO, FI
[72] KOLJONEN, VELI-PEKKA, FI
[72] LAITINEN, KARI-MATTI, FI
[72] LYYTIKAINEN, VILLE, FI
[73] HAKULI, MIKKO, ZZ
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[73] LYYTIKAINEN, VILLE, ZZ
[73] VALMET TECHNOLOGIES, INC., FI
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[54] **APPAREIL DE GENERATION D'ENERGIE SOLAIRE ASSURANT LE SUIVI DE LA LUMIERE SOLAIRE**
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[73] PVT SOLAR, INC., US
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[54] **MAGNETIC LOCK, MAGNETIC KEY AND COMBINATION THEREOF**
[54] **SERRURE MAGNETIQUE, CLE MAGNETIQUE, ET COMBINAISON DESDITES FERMETURE ET CLE**
[72] SANCHEZ GIRALDEZ, JOSE HUMBERTO, DE
[73] WYSOCZKI DE SANCHEZ, ROSEMARIE, DE
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[54] **GAINE DE FIL DE SORTIE**
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[73] ZHANG, XU, ZZ
[73] ZHONGSHAN BROAD-OCEAN MOTOR MANUFACTURING CO., LTD., CN
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[54] **ARTICLE ET PROCEDE DE FABRICATION SE RAPPORTANT A DES REVETEMENTS NANOCOMPOSITES**
[72] SHERMAN, ANDREW J., US
[72] ENGLEMAN, PETER G., US
[73] MESOCOAT, INC., US
[73] SHERMAN, ANDREW J., ZZ
[73] ENGLEMAN, PETER G., ZZ
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[54] **BARCODED INDICATORS FOR QUALITY MANAGEMENT**
[54] **INDICATEURS CODE A BARRES DESTINES A LA GESTION DE LA QUALITE**
[72] NEMET, YARON, IL
[72] ESHED-KANER, ROTEM, IL
[72] BRAND, EPHRAIM, IL
[73] VARCODE LTD., IL
[73] NEMET, YARON, ZZ
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[54] **CERAMIC ILLUMINATION DEVICE**
[54] **DISPOSITIF D'ECLAIRAGE EN CERAMIQUE**
[72] MARINUS, ANTONIUS ADRIANUS MARIA, NL
[72] TEERLING, OMKE JAN, NL
[72] UITBEIJERSE, BASTIAAN, NL
[73] MARINUS, ANTONIUS ADRIANUS MARIA, ZZ
[73] TEERLING, OMKE JAN, ZZ
[73] UITBEIJERSE, BASTIAAN, ZZ
[73] PHILIPS LIGHTING HOLDING B.V., NL
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[54] **ORAL MEDICAL COMPOSITION AND ORAL MEDICAL CAPSULE ENCLOSING THE SAME**
[54] **COMPOSITION MEDICINALE ORALE ET CAPSULE MEDICINALE ORALE CONTENANT UNE COMPOSITION ENCAPSULEE A L'INTERIEUR**
[72] SHIMOO, TSUYOSHI, JP
[73] MORISHITA JINTAN CO., LTD., JP
[73] SHIMOO, TSUYOSHI, ZZ
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[54] **PROCEDE D'EXTRACTION D'ACIDES ORGANIQUES DE PETROLES BRUTS ET DE DISTILLATS DE PETROLE BRUT**
[72] HARDACRE, CHRIS, GB
[72] GOODRICH, PETER, GB
[72] ANDERSON, KRIS, GB
[73] HARDACRE, CHRIS, ZZ
[73] GOODRICH, PETER, ZZ
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[54] **CARTOUCHE D'INFRASTRUCTURE DE COMPTAGE EVOLUEE POUR UN COMPTEUR ELECTRIQUE**
[72] AGRAWAL, SACHIN, IN
[73] AGRAWAL, SACHIN, ZZ
[73] ACLARA METERS LLC, US
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[54] **APPAREILS ET PROCEDES ASSURANT UNE PROTRUSION MANDIBULAIRE**
[72] REMMERS, JOHN E., US
[72] TAM, HUGO, CA
[72] MACARTNEY, TERRY, CA
[72] SANTOSHAM, PETER, CA
[73] ZST HOLDINGS, INC., CA
[73] REMMERS, JOHN E., ZZ
[73] TAM, HUGO, CA
[73] MACARTNEY, TERRY, CA
[73] SANTOSHAM, PETER, CA
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[54] **ELECTROSPRAY AND NANOSPRAY IONIZATION OF DISCRETE SAMPLES IN DROPLET FORMAT**
[54] **IONISATION PAR ELECTROPULVERISATION ET NANOPULVERISATION D'ECHANTILLONS DISCRETS SOUS FORME DE GOUTTELETTES**
[72] KENNEDY, ROBERT, US
[72] PEI, JIAN, US
[72] LI, QIANG, US
[72] LEE, MIKE S., US
[72] VALASKOVIC, GARY A., US
[73] THE REGENTS OF THE UNIVERSITY OF MICHIGAN, US
[73] KENNEDY, ROBERT, ZZ
[73] PEI, JIAN, ZZ
[73] LI, QIANG, ZZ
[73] LEE, MIKE S., ZZ
[73] VALASKOVIC, GARY A., ZZ
[73] MILESTONE DEVELOPMENT SERVICES, US
[73] NEW OBJECTIVE, INC., US
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[25] EN
[54] **PALLET FOR NUCLEAR REACTOR RETUBE**
[54] **PALETTE POUR LE REMPLACEMENT DES TUBES D'UN REACTEUR NUCLEAIRE**
[72] KING, JAMES MITCHELL, CA
[72] COX, CLAIR ARTHUR, CA
[72] WRAY, RICHARD WILFRID, CA
[72] SCHAUBEL, TERRY JOHN, CA
[72] POFF, DAVID ERIC, CA
[73] ATOMIC ENERGY OF CANADA LIMITED, CA
[73] KING, JAMES MITCHELL, CA
[73] COX, CLAIR ARTHUR, CA
[73] WRAY, RICHARD WILFRID, CA
[73] SCHAUBEL, TERRY JOHN, CA
[73] POFF, DAVID ERIC, CA
[86] (2766575)
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[54] **SYNTHESIS OF N4-(2, 2-DIMETHYL-4-[(DIHYDROGEN PHOSPHONOXY) METHYL]-3-OXO-5-PYRIDO [1,4] OXAZIN-6-YL)-5-FLUORO-N2-(3,4,5,-TRIMETHOXYPHENYL)-2,4-PYRIMIDINEDIAMINE DISODIUM SALT**
[54] **SYNTHESE DE SEL DE N4-(2, 2-DIMETHYL-4-[(DIHYDROGEN PHOSPHONOXY]-3-OXO-5-PYRIDO [1,4] OXAZIN-6-YL)-5-FLUORO-N2-(3,4,5,-TRIMETHOXYPHENYL)-2,4-PYRIMIDINEDIAMINES DISODIUM**
[72] FELFER, ULFRIED, AT
[72] GISELBRECHT, KARL-HEINZ, AT
[72] WOLBERG, MICHAEL, DE
[73] RIGEL PHARMACEUTICALS, INC., US
[73] FELFER, ULFRIED, ZZ
[73] GISELBRECHT, KARL-HEINZ, ZZ
[73] WOLBERG, MICHAEL, ZZ
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[54] **PORTABLE MULTIPURPOSE WHOLE BODY EXERCISE DEVICE**
[54] **DISPOSITIF D'EXERCICE PORTABLE POLYVALENT POUR LE CORPS ENTIER**
[72] BRONSTON, DARYA KATHLEEN, US
[72] ARF, MATTHEW, US
[72] STUMP, JOHN RUSSELL, US
[73] BALANCED BODY, INC., US
[85] 2012-01-04
[86] 2010-06-29 (PCT/US2010/001857)
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[54] **COVALENT INHIBITION OF BACTERIAL QUORUM SENSING**
[54] **INHIBITION PAR FORMATION DE LIAISON COVALENTE, DE LA DETECTION DU QUORUM PAR DES BACTERIES**
[72] MEIJLER, MICHAEL M., IL
[72] AMARA, NERI, IL
[72] RAYO, JOSEP, IL
[73] MEIJLER, MICHAEL M., ZZ
[73] AMARA, NERI, ZZ
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[73] THE NATIONAL INSTITUTE FOR BIOTECHNOLOGY IN THE NEGEV LTD., IL
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[25] EN
[54] **NOVEL GOLD-BASED NANOCRYSTALS FOR MEDICAL TREATMENTS AND ELECTROCHEMICAL MANUFACTURING PROCESSES THEREFOR**
[54] **NANOCRISTAUX A BASE D'OR INEDITS UTILISABLES DANS LE CADRE DE TRAITEMENTS MEDICAUX ET LEURS PROCEDES ELECTROCHIMIQUES DE FABRICATION**
[72] MORTENSON, MARK, US
[72] PIERCE, D. KYLE, US
[72] BRYCE, DAVID, US
[72] DORFMAN, ADAM, US
[72] WILCOX, REED, US
[72] LOCKETT, ANTHONY, GB
[72] MERZLIAKOV, MIKHAIL, US
[73] MORTENSON, MARK, ZZ
[73] PIERCE, D. KYLE, ZZ
[73] BRYCE, DAVID, ZZ
[73] DORFMAN, ADAM, ZZ
[73] WILCOX, REED, ZZ
[73] LOCKETT, ANTHONY, ZZ
[73] MERZLIAKOV, MIKHAIL, ZZ
[73] CLENE NANOMEDICINE, INC., US
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[86] 2010-07-08 (PCT/US2010/041427)
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[25] EN
[54] **METHOD FOR PREPARING A SOLID FORM OF ACETIC ACID AND PRODUCTS THEREOF**
[54] **METHODE DE PREPARATION D'UNE FORME SOLIDE D'ACIDE ACETIQUE ET PRODUITS OBTENUS A PARTIR DE CELLE-CI**
[72] MOORE, RYAN GIFFIN, US
[72] SMITH, LUCAS JOHN, US
[73] CHEMLINK LABORATORIES, LLC, US
[73] MOORE, RYAN GIFFIN, ZZ
[73] SMITH, LUCAS JOHN, ZZ
[86] (2768112)
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[54] **LEACHING PROCESS FOR RECOVERY OF PRECIOUS METALS**
[54] **PROCEDE DE LIXIVIATION POUR LA RECUPERATION DE METAUX PRECIEUX**
[72] PADAYACHEE, DIANDREE, ZA
[72] KUNENE, MAKHOSAZANE CHUCKY, ZA
[72] BURGER, MARGA RETHA, ZA
[72] PHALA, NOKO SIMON, ZA
[73] ANGLO OPERATIONS LIMITED, ZA
[73] PADAYACHEE, DIANDREE, ZZ
[73] KUNENE, MAKHOSAZANE CHUCKY, ZZ
[73] BURGER, MARGA RETHA, ZZ
[73] PHALA, NOKO SIMON, ZZ
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[54] **DOUBLE-LOCK HEDDLE**
[54] **LISSE A DOUBLE ENCLENCHEMENT**
[72] WEITHALLER, GUILLAUME, FR
[73] NORMALU (SAS), FR
[73] WEITHALLER, GUILLAUME, ZZ
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[54] **ISOFORM SELECTIVE PHOSPHOLIPASE D INHIBITORS**
[54] **INHIBITEURS DE PHOSPHOLIPASE D SELECTIFS D'UNE ISOFORME**
[72] BROWN, H. ALEX, US
[72] LINDSLEY, CRAIG W., US
[72] WATERSON, ALEX G., US
[72] SCOTT, SARAH A., US
[73] VANDERBILT UNIVERSITY, US
[73] BROWN, H. ALEX, ZZ
[73] LINDSLEY, CRAIG W., ZZ
[73] WATERSON, ALEX G., ZZ
[73] SCOTT, SARAH A., ZZ
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[25] EN
[54] **PRIMATE RESTRAINT DEVICE**
[54] **DISPOSITIF DE CONTENTION DE PRIMATE**
[72] NAGATA, RYOICHI, JP
[73] SHIN NIPPON BIOMEDICAL LABORATORIES, LTD., JP
[73] NAGATA, RYOICHI, ZZ
[85] 2012-02-01
[86] 2010-08-06 (PCT/JP2010/063363)
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[54] **INDAZOLE INHIBITORS OF THE WNT SIGNAL PATHWAY AND THERAPEUTIC USES THEREOF**
[54] **COMPOSES D?INDAZOLE INHIBANT LA VOIE DE SIGNALISATION DES WNT ET UTILISATIONS THERAPEUTIQUES DE CEUX-CI THEREOF**
[72] HOOD, JOHN, US
[72] WALLACE, DAVID MARK, US
[72] KC, SUNIL KUMAR, US
[73] HOOD, JOHN, ZZ
[73] WALLACE, DAVID MARK, ZZ
[73] KC, SUNIL KUMAR, ZZ
[73] SAMUMED, LLC, US
[85] 2012-02-02
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[54] **THIEF HATCH FOR PRODUCTION TANK**
[54] **TRAPPE ANTIVOL POUR RESERVOIR DE PRODUCTION**
[72] LIPINSKI, JOHN, CA
[73] LIPINSKI, JOHN, CA
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[25] EN
[54] **DUPLEX PRINTING APPARATUS**
[54] **APPAREIL D'IMPRESSION RECTO VERSO**
[72] IZAWA, HIDEO, JP
[72] YAMAZAKI, YUUICHI, JP
[73] MIYAKOSHI PRINTING MACHINERY CO., LTD., JP
[73] IZAWA, HIDEO, ZZ
[73] YAMAZAKI, YUUICHI, ZZ
[86] (2771946)
[87] (2771946)
[22] 2012-03-20
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[25] EN
[54] **BARBED SUTURES HAVING PLEDGET STOPPERS AND METHODS THEREFOR**
[54] **SUTURES DENTELEES COMPORTANT DES TAMPONS A COMPRESSE ET LEURS METHODES**
[72] LINDH, DAVID C., SR., US
[72] NAWROCKI, JESSE G., US
[72] FURMAN, DENNIS L., US
[72] HRISTOV, KRASIMIRA, US
[72] PERKINS, JASON T., US
[73] ETHICON, INC., US
[73] LINDH, DAVID C., SR., ZZ
[73] NAWROCKI, JESSE G., ZZ
[73] FURMAN, DENNIS L., ZZ
[73] HRISTOV, KRASIMIRA, ZZ
[73] PERKINS, JASON T., ZZ
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[25] EN
[54] **FUSED THIAZOLO AND OXAZOLO PYRIMIDINONES**
[54] **PYRIMIDINONES THIAZOLO ET OXAZOLO FUSIONNEES**
[72] SRIVASTAVA, SANJAY, IN
[72] CHHIPA, LAXMIKANT, IN
[72] GUPTA, RAMESH CHANDRA, IN
[72] DESHPANDE, SHAILESH, IN
[72] CHAUDHARI, ANITA, IN
[72] MOHANAN, ANOOKH, IN
[72] DUTT, CHAITANYA, IN
[72] CHAUTHAIWALE, VIJAY, IN
[72] BADANTHADKA, MURALI, IN
[72] JAMADARKHANA, PRASHANT G., IN
[73] TORRENT PHARMACEUTICALS LIMITED, IN
[73] SRIVASTAVA, SANJAY, ZZ
[73] CHHIPA, LAXMIKANT, ZZ
[73] GUPTA, RAMESH CHANDRA, ZZ
[73] DESHPANDE, SHAILESH, ZZ
[73] CHAUDHARI, ANITA, ZZ
[73] MOHANAN, ANOOKH, ZZ
[73] DUTT, CHAITANYA, ZZ
[73] CHAUTHAIWALE, VIJAY, ZZ
[73] BADANTHADKA, MURALI, ZZ
[73] JAMADARKHANA, PRASHANT G., ZZ
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[54] **AUTOMATIC CALIBRATION OF CHEMICAL PRODUCT DISPENSE SYSTEMS**
[54] **ETALONNAGE AUTOMATIQUE DE SYSTEMES DE DISTRIBUTION DE PRODUIT CHIMIQUE**
[72] MEHUS, RICHARD J., US
[72] SHOLES, BRIAN L., US
[73] ECOLAB INC., US
[73] MEHUS, RICHARD J., ZZ
[73] SHOLES, BRIAN L., ZZ
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[51] **Int.Cl. B64D 13/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR CONTROLLING AN AIRCRAFT COOLING SYSTEM**
[54] **SYSTEME ET PROCEDE DE COMMANDE D'UN SYSTEME DE REFROIDISSEMENT D'UN AVION**
[72] HOELLING, MARC, DE
[72] ROTHAMMER, WERNER, DE
[72] DITTMAR, JAN, DE
[72] COLBERG, CARSTEN, DE
[72] CASAS NORIEGA, WILSON WILLY, DE
[72] ULUC, OZAN, DE
[72] ROERING, SEBASTIAN, DE
[72] WOLF, HOLGER, DE
[73] AIRBUS OPERATIONS GMBH, DE
[73] HOELLING, MARC, ZZ
[73] ROTHAMMER, WERNER, ZZ
[73] DITTMAR, JAN, ZZ
[73] COLBERG, CARSTEN, ZZ
[73] CASAS NORIEGA, WILSON WILLY, ZZ
[73] ULUC, OZAN, ZZ
[73] ROERING, SEBASTIAN, ZZ
[73] WOLF, HOLGER, ZZ
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[30] DE (10 2009 043 429.1) 2009-09-29
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[25] EN
[54] **SYSTEM AND METHOD FOR MULTI-CARRIER NETWORK OPERATION**
[54] **SYSTEME ET PROCEDE POUR L'EXPLOITATION D'UN RESEAU A MULTIPLES PORTEUSES**
[72] FONG, MO-HAN, CA
[72] MCBEATH, SEAN, US
[72] HEO, YOUN HYOUNG, CA
[72] LI, JUN, US
[72] XU, HUA, CA
[73] FONG, MO-HAN, CA
[73] MCBEATH, SEAN, ZZ
[73] HEO, YOUN HYOUNG, CA
[73] LI, JUN, ZZ
[73] XU, HUA, CA
[73] BLACKBERRY LIMITED, CA
[85] 2012-03-23
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[25] EN
[54] **GRID RUNNER CAP ANCHORING LANCE**
[54] **CAPUCHON DE COULISSEAU A GRILLE ET LANCE D'ANCRAGE**
[72] LEHANE, JAMES J., US
[72] FARLEY, STEVEN E., US
[72] LEAHY, DONALD J., US
[72] KOVAL, RONALD J., US
[72] POMEROY, PAUL A., US
[73] USG INTERIORS, LLC, US
[73] LEHANE, JAMES J., ZZ
[73] FARLEY, STEVEN E., ZZ
[73] LEAHY, DONALD J., ZZ
[73] KOVAL, RONALD J., ZZ
[73] POMEROY, PAUL A., ZZ
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[25] EN
[54] **OPTICAL SLICER FOR IMPROVING THE SPECTRAL RESOLUTION OF A DISPERSIVE SPECTROGRAPH**
[54] **TRANCHEUR OPTIQUE DESTINE A AMELIORER LA RESOLUTION SPECTRALE D'UN SPECTROGRAPHE A DISPERSION**
[72] CENKO, ANDREW T., US
[72] MEADE, JEFFREY T., CA
[72] HAJIAN, ARSEN R., CA
[72] BEHR, BRADFORD B., US
[73] TORNADO SPECTRAL SYSTEMS, INC., CA
[73] CENKO, ANDREW T., ZZ
[73] MEADE, JEFFREY T., CA
[73] HAJIAN, ARSEN R., CA
[73] BEHR, BRADFORD B., ZZ
[85] 2012-03-30
[86] 2010-10-01 (PCT/CA2010/001606)
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[25] EN
[54] **ANTI-HSV ANTIBODY**
[54] **ANTICORPS ANTI-VHS (VIRUS DE L'HERPES SIMPLEX)**
[72] ROGGENDORF, MICHAEL, DE
[72] EIS-HUBINGER, ANNA-MARIA, DE
[72] KRAUSS, JUERGEN, DE
[72] SCHNEWEIS, KARL EDUARD, DE
[72] ARNDT, MICHAELA, DE
[72] KRAWCZYK, ADALBERT, DE
[72] EXNER, EVELYN, DE
[72] DAUMER, MARTIN, DE
[73] ROGGENDORF, MICHAEL, ZZ
[73] EIS-HUBINGER, ANNA-MARIA, ZZ
[73] KRAUSS, JUERGEN, ZZ
[73] SCHNEWEIS, KARL EDUARD, ZZ
[73] ARNDT, MICHAELA, ZZ
[73] KRAWCZYK, ADALBERT, ZZ
[73] EXNER, EVELYN, ZZ
[73] DAUMER, MARTIN, ZZ
[73] HEIDELBERG IMMUNOTHERAPEUTICS GMBH, DE
[85] 2012-03-30
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[51] **Int.Cl. H04L 12/16 (2006.01) G06Q 30/02 (2012.01)**
[25] EN
[54] **METHOD, COMPUTER PROGRAM PRODUCT AND ELECTRONIC DEVICE FOR HYPER-LOCAL GEO-TARGETING**
[54] **PROCEDE, PRODUIT DE PROGRAMME D'ORDINATEUR ET DISPOSITIF ELECTRONIQUE POUR GEO-CIBLAGE HYPER-LOCAL**
[72] BURDETTE, JEFF, US
[72] HEBENSTREIT, JOSEPH, US
[72] CABRERA, RICHARD, US
[72] LEE, CHRISTOPHER JASON, US
[72] FRIEDMAN, ROBERT, US
[72] HELSPER, DAVID, US
[73] DIGITAL ENVOY, INC., US
[73] BURDETTE, JEFF, ZZ
[73] HEBENSTREIT, JOSEPH, ZZ
[73] CABRERA, RICHARD, ZZ
[73] LEE, CHRISTOPHER JASON, ZZ
[73] FRIEDMAN, ROBERT, ZZ
[73] HELSPER, DAVID, ZZ
[85] 2012-04-16
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[51] **Int.Cl. C12Q 1/6841 (2018.01)**
[25] EN
[54] **DIAGNOSTIC METHODS FOR DETERMINING PROGNOSIS OF NON-SMALL-CELL LUNG CANCER**
[54] **PROCEDES DE DIAGNOSTIC POUR DETERMINER LE PRONOSTIC D'UN CANCER DU POUMON NON A PETITES CELLULES**
[72] SEMINAROV, DIMITRI, US
[72] LU, XIN, US
[72] ZHANG, KE, US
[72] LESNIEWSKI, RICK R., US
[72] COON, JOHN S., US
[73] SEMINAROV, DIMITRI, ZZ
[73] LU, XIN, ZZ
[73] ZHANG, KE, ZZ
[73] LESNIEWSKI, RICK R., ZZ
[73] COON, JOHN S., ZZ
[73] ABBOTT MOLECULAR INC., US
[85] 2012-04-17
[86] 2010-10-25 (PCT/US2010/053900)
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[51] **Int.Cl. A61L 27/36 (2006.01) A61L 15/40 (2006.01) A61L 17/08 (2006.01) A61L 26/00 (2006.01) A61L 31/00 (2006.01)**
[25] EN
[54] **DECELLULARIZED FISH SKIN SCAFFOLD MATERIAL**
[54] **MATERIAU DE STRUCTURE FAIT DE PEAU DE POISSON DECELLULARISEE**
[72] SIGURJONSSON, GUDMUNDUR FERTRAM, IS
[72] GISLADOTTIR, DORA HLIN, IS
[72] GUDMUNDSSON, GUDMUNDUR PHD, IS
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[73] WHITE, BRUCE F., ZZ
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[72] DE BEER, NICHOLAS C., US
[72] LOGANATHAN, SIDDHARTH, US
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[54] **OPTIMISATION DE PERIODE DE MISE EN ANTEMEMOIRE DE DONNEES D'EMPLACEMENT POUR DES SERVICES D'EMPLACEMENT SUR UN RESEAU**
[72] TREVATHAN, MATTHEW BUNKLEY, US
[72] TERRY, MATTHEW ADAM, US
[72] NIELSEN, MARK DAVID, US
[72] RAMANATHAN, SRI, US
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[54] **GESTION DYNAMIQUE DE TACHES DE DESACTIVATION DANS UN CONTROLEUR DE MEMOIRE**
[72] GUPTA, LOKESH M., US
[72] ASH, KEVIN J., US
[73] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
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[72] ADAMS, JOHN E., US
[72] TOSINI, GIANCARLO, IT
[73] THE COCA-COLA COMPANY, US
[73] ADAMS, JOHN E., ZZ
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[72] PERTEN, HERBERT, US
[72] PANILA, JASON, US
[72] ARVA, VALERIAN, US
[72] GANDHI, DEEPTHI, US
[73] STARTRAK SYSTEMS, LLC, US
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[72] MAILLON, BERTRAND, FR
[73] SUMITOMO METAL INDUSTRIES, LTD., JP
[73] MARTIN, PIERRE, ZZ
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[54] **PLANTS AND SEEDS OF SPRING CANOLA VARIETY SCV318181**
[54] **PLANTES ET GRAINES DE CANOLA DE PRINTEMPS DE LA VARIETE SCV318181**
[72] WANG, YINGJIE, CA
[73] MONSANTO TECHNOLOGY LLC, US
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[54] **PROCEDE ET SYSTEME POUR FABRIQUER UN PRODUIT CONTENANT DES FIBRES**
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[73] UPM-KYMMENE CORPORATION, FI
[73] KAJANTO, ISKO, ZZ
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[54] **UNE CHAUDIERE, UNE METHODE D'ALLUMAGE POUR DEMARRER UNE CHAUDIERE ET SON DISPOSITIF DE CONTROLE**
[72] KOWALD, GLENN W., US
[72] PALLER, HANS J., US
[73] LENNOX INDUSTRIES, INC., US
[73] KOWALD, GLENN W., ZZ
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[54] **FILTRATION D'ARTEFACTS D'UNE SEULE TRAME ET ESTIMATION DE MOUVEMENT**
[72] SHARLET, DILLON, US
[72] GREER, JOSEPH, US
[73] CINNAFILM, INC., US
[73] SHARLET, DILLON, ZZ
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[54] **EXPLOSIF SOLIDE MALLEABLE ET SON OBTENTION**
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[73] EURENCO, FR
[73] MAHE, BERNARD, ZZ
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[54] **DERIVES D'OXAZOLOPYRIMIDINE A SUBSTITUTION EN 2,5**
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[72] SCHAEFER, MATTHIAS, DE
[72] HACHTEL, STEPHANIE, DE
[72] DIETRICH, AXEL, DE
[72] HUEBSCHLE, THOMAS, DE
[72] HISS, KATRIN, DE
[73] SANOFI, FR
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[54] **MODULE REDONDANT COMPRENANT DES TRAJETS DE COURANT SYMETRIQUES**
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[72] HEINEMANN, MICHAEL, DE
[72] NEUENDORF, ANDREAS, DE
[73] PHOENIX CONTACT GMBH & CO KG, DE
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[54] **PROCEDE ET APPAREIL D'ACQUISITION DE DONNEES DE RAYONNEMENT**
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[72] FISHLER, ALEXANDER, IL
[72] BOUHNIK, JEAN-PAUL, IL
[72] BLEVIS, IRA, IL
[73] GENERAL ELECTRIC COMPANY, US
[73] DROR, UZI, ZZ
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[54] **SYSTEME DE FIXATION DE CLAVIER A UN LOGEMENT**
[72] STEINER, GEORG ROBERT GUSTAV, DE
[72] SYLDATKE, RALF DIETER, DE
[73] STEINER, GEORG ROBERT GUSTAV, ZZ
[73] SYLDATKE, RALF DIETER, ZZ
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[54] **GENERATION ET REPRODUCTION D'IMAGES A HAUTE PLAGE DYNAMIQUE**
[72] SUN, SHIJUN, US
[73] SUN, SHIJUN, ZZ
[73] MICROSOFT TECHNOLOGY LICENSING, LLC, US
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[54] **PROCEDES DE FORMATION DE PAROIS A SURFACE AMELIOREE POUR UTILISATION DANS DES APPAREILS**
[72] SMITH, RICHARD S., III, US
[72] FULLER, KEVIN, US
[72] KUKULKA, DAVID J., US
[73] RIGIDIZED METALS CORPORATION, US
[73] SMITH, RICHARD S., III, ZZ
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[54] **ELIMINATION DE FACTEURS DE VIRULENCE PAR THERAPIE EXTRACORPORELLE**
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[72] WARD, ROBERT S., US
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[54] **SYSTEME DE REDUCTION DE BRUIT A CAPTEUR DOUBLE POUR CABLE SOUS-MARIN**
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[73] ION GEOPHYSICAL CORPORATION, US
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[54] **SYSTEME DE STABILISATION POUR CAPTEURS SUR DES PLATES-FORMES MOBILES**
[72] HOGG, ROBERT LESLIE SCOTT, CA
[72] HURLEY, PETER ANTHONY, CA
[72] POLZER, BENJAMIM DAVID, CA
[72] WALKER, PETER WHYLE, CA
[72] WEST, GORDEN FOX, CA
[73] VALE S.A., BR
[73] HOGG, ROBERT LESLIE SCOTT, CA
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[54] **DISPOSITIF ET PROCEDE DE TRAITEMENT THERMIQUE DE FILS D'ACIER**
[72] BARTA, GERHARD, AT
[72] PICHLER, HANS-PETER, AT
[73] BARTA, GERHARD, ZZ
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[73] STEINKLAUBER INDUSTRIEBETEILIGUNG & VERMOGENSVERWALTUNG GMBH, AT
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[72] PRESSET, ALAIN, GB
[72] MONRO, STUART ALEXANDER, GB
[72] VINCENT, KEITH ALAN, GB
[73] CROWN PACKAGING TECHNOLOGY, INC., US
[73] RILEY, JONATHAN, ZZ
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[54] **ARTICLE ABSORBANT DOTE D'UNE PARTIE CENTRALE ABSORBANTE FENDUE**
[72] BIGGS, JEHANN, US
[72] CARBONARI, RAQUEL, US
[73] SCA HYGIENE PRODUCTS AB, SE
[73] BIGGS, JEHANN, ZZ
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[54] **SOURCES D'ONDE TUBULAIRE MECANIQUE ET PROCEDES D'UTILISATION POUR TROUS DE FORAGE REMPLIS DE LIQUIDE**
[72] SHAMPINE, ROD, US
[72] SULLIVAN, PHILIP F., US
[72] MILLER, DOUGLAS E., US
[72] GUILLOT, DOMINIQUE, FR
[72] AUZERAIS, FRANCOIS M., US
[72] COATES, RICHARD T., US
[73] SCHLUMBERGER CANADA LIMITED, CA
[73] SHAMPINE, ROD, ZZ
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[54] **CASQUE ET ELEMENT DE CASQUE DESTINE A ETRE UTILISE DANS UN CASQUE**
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[72] VAN TILBURG, MARK WILHELMUS THERESIA, NL
[72] OUDENHUIJZEN, AERNOUT JOHAN KORNEEL, NL
[73] NEDERLANDSE ORGANISATIE VOOR TOEGEPAST-NATUURWETENSCHAPPELIJK ONDERZOEK TNO, NL
[73] RENSINK, PIM, ZZ
[73] VAN TILBURG, MARK WILHELMUS THERESIA, ZZ
[73] OUDENHUIJZEN, AERNOUT JOHAN KORNEEL, ZZ
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[72] OLD, DAVID W., US
[72] NGO, VINH X., US
[73] ALLERGAN, INC., US
[73] OLD, DAVID W., ZZ
[73] NGO, VINH X., ZZ
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[54] **4-[-2-[[5-METHYL-1-(2-NAPHTALENYL)-1H-PYRAZOL-3-YL]OXY]ETHYL]MORPHOLINE HYDROCHLORIDE POLYMORPHS AND SOLVATES**
[54] **POLYMORPHES ET SOLVATES DE CHLORHYDRATE DE 4-[-2-[[5-METHYL-1-(2-NAPHTALENYL)-1H-PYRAZOL-3-YL]OXY]ETHYL]MORPHOLINE**
[72] BERENGUER MAIMO, RAMON, ES
[72] MEDRANO RUPEREZ, JORGE, ES
[72] BENET BUCHHOLZ, JORDI, ES
[72] PUIG FERNANDEZ, LAURA, ES
[72] PELLEJA PUXEU, LAIA, ES
[73] LABORATORIOS DEL DR. ESTEVE, S.A., ES
[73] BERENGUER MAIMO, RAMON, ZZ
[73] MEDRANO RUPEREZ, JORGE, ZZ
[73] BENET BUCHHOLZ, JORDI, ZZ
[73] PUIG FERNANDEZ, LAURA, ZZ
[73] PELLEJA PUXEU, LAIA, ZZ
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[54] **AN ENZYMATIC PROCESS FOR REFINING A PLANT OIL**
[54] **UN PROCEDE ENZYMATIQUE DE RAFFINAGE D'HUILE VEGETALE**
[72] MIKKELSEN, RENE, DK
[72] JOERGENSEN, TINA, DK
[72] SOEE, JOERN BORCH, DK
[73] DUPONT NUTRITION BIOSCIENCES APS, DK
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[54] **SHOOTING BENCH**
[54] **BANC DE TIR**
[72] NELSON, RONALD D., US
[72] HUMPHREYS, LUKE, US
[72] WELLMAN, RYAN E., US
[73] NELSON, RONALD D., ZZ
[73] HUMPHREYS, LUKE, ZZ
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[73] CABELA'S INCORPORATED, US
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[54] **A TELESCOPICALLY LENGTHENING/SHORTENING POWER UNIT**
[54] **VERIN POUVANT S'ALLONGER OU SE RACCOURCIR DE MANIERE TELESCOPIQUE**
[72] JUSSILA, VELI-MATTI ILARI, FI
[73] VELVISION OY, FI
[73] JUSSILA, VELI-MATTI ILARI, ZZ
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[54] **PROCESS FOR THE RECOVERY OF OILS FROM A SOLID MATRIX**
[54] **PROCEDE POUR LA RECUPERATION D'HUILES A PARTIR D'UNE MATRICE SOLIDE**
[72] MASSETTI, FELICIA, IT
[72] NARDELLA, ALESSANDRO, IT
[73] ENI S.P.A., IT
[73] MASSETTI, FELICIA, ZZ
[73] NARDELLA, ALESSANDRO, ZZ
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[72] ALAN CHEW, HONG MENG, MY
[72] CHEW, JOON YIP, MY
[73] JOHNSON & NICHOLSON (M) SDN BHD, MY
[73] ALAN CHEW, HONG MENG, ZZ
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[54] **DERIVE DE DIAZEPINEDIONE**
[72] SAKUMA, SHOGO, JP
[72] TAKAHASHI, TOSHIHIRO, JP
[72] USHIODA, MASATOSHI, JP
[72] IMAI, TOSHIYASU, JP
[72] INOUE, KAZUHIDE, JP
[73] NIPPON CHEMIPHAR CO., LTD., JP
[73] SAKUMA, SHOGO, ZZ
[73] TAKAHASHI, TOSHIHIRO, ZZ
[73] USHIODA, MASATOSHI, ZZ
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[73] INOUE, KAZUHIDE, ZZ
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[54] **3-(HETEROARYL-AMINO)-1,2,3,4-TETRAHYDRO-9H-CARBAZOLE DERIVATIVES AND THEIR USE AS PROSTAGLANDIN D2 RECEPTOR MODULATORS**
[54] **DERIVES DE 3-(HETEROARYLAMINO)-1,2,3,4-TETRAHYDRO-9H-CARBAZOLE ET LEUR UTILISATION COMME MODULATEURS DU RECEPTEUR DE LA PROSTAGLANDINE D2**
[72] AISSAOUI, HAMED, CH
[72] FRETZ, HEINZ, CH
[72] HAZEMANN, JULIEN, CH
[72] RICHARD-BILDSTEIN, SYLVIA, CH
[72] SIEGRIST, ROMAIN, CH
[73] AISSAOUI, HAMED, ZZ
[73] FRETZ, HEINZ, ZZ
[73] HAZEMANN, JULIEN, ZZ
[73] RICHARD-BILDSTEIN, SYLVIA, ZZ
[73] SIEGRIST, ROMAIN, ZZ
[73] IDORSIA PHARMACEUTICALS LTD, CH
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[25] EN
[54] **PROCESS FOR PREPARING AMINOCARBOXYLATES LOW IN BY-PRODUCTS**
[54] **PROCEDE DE PRODUCTION D'AMINOCARBOXYLATES A FAIBLE TENEUR EN SOUS-PRODUITS**
[72] BAUMANN, ROBERT, DE
[72] BIEL, MARKUS CHRISTIAN, DE
[72] BRASCHE, GORDON, DE
[72] FRANZKE, AXEL, DE
[72] HEIDENFELDER, THOMAS, US
[72] KLINGELHOEFER, PAUL, DE
[72] OFTRING, ALFRED, DE
[72] SCHROETER, MARIE KATRIN, DE
[73] BASF SE, DE
[73] BAUMANN, ROBERT, ZZ
[73] BIEL, MARKUS CHRISTIAN, ZZ
[73] BRASCHE, GORDON, ZZ
[73] FRANZKE, AXEL, ZZ
[73] HEIDENFELDER, THOMAS, ZZ
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[73] SCHROETER, MARIE KATRIN, ZZ
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[54] **METHOD FOR THE OPTIMIZED ALLOCATION OF A SATELLITE COMMUNICATION RESOURCE AND ASSOCIATED COMMUNICATION SYSTEM**
[54] **PROCEDE POUR L'ALLOCATION OPTIMISEE D'UNE RESSOURCE DE COMMUNICATION SATELLITE ET SYSTEME DE COMMUNICATION ASSOCIE**
[72] GINESTE, MATHIEU, FR
[73] THALES, FR
[73] GINESTE, MATHIEU, ZZ
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[54] **APPARATUS AND METHOD FOR TREATING EXHAUST GAS**
[54] **APPAREIL ET PROCEDE POUR TRAITER UN GAZ D'ECHAPPEMENT**
[72] MA, NAIYANG, US
[73] MA, NAIYANG, ZZ
[73] ARCELORMITTAL INVESTIGACION Y DESARROLLO, S.L., ES
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[54] **SELF-MOVING OPERATING MACHINE WITH INTEGRATED LATERAL MOVEMENT AND LEVELING DEVICE**
[54] **MACHINE DE MANOEUVRE AUTOMOTRICE AVEC DISPOSITIF INTEGRE DE MOUVEMENT LATERAL ET DE MISE A NIVEAU**
[72] BORGHI, GIANNI, IT
[73] C.M.C. S.R.L. - SOCIETA UNIPERSONALE, IT
[73] BORGHI, GIANNI, ZZ
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[54] **PIPE SPACER**
[54] **ELEMENT D'ESPACEMENT POUR TUYAU**
[72] LAMBERT, PATRICK, CA
[72] ROTONDO, ANDRE D., CA
[72] COTTA, NICOLAS, CA
[72] ROTONDO, JACQUES, CA
[72] CARBONNEAU, JUSTIN, CA
[72] ST-PIERRE, ALEXANDRE, CA
[73] SUPRANERGIE INC., CA
[73] LAMBERT, PATRICK, CA
[73] ROTONDO, ANDRE D., CA
[73] COTTA, NICOLAS, CA
[73] ROTONDO, JACQUES, CA
[73] CARBONNEAU, JUSTIN, CA
[73] ST-PIERRE, ALEXANDRE, CA
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[54] **COMPOSITION CONTAINING EXTRACT OF VENUS FLYTRAP FOR COSMETIC TREATMENT**
[54] **COMPOSITION CONTENANT DE L'EXTRAIT DE DIONEE ATTRAPE-MOUCHES, POUR TRAITEMENT COSMETIQUE**
[72] DAHLGREN, ATTI-LA, CH
[72] DAHLGREN, JOHN, CH
[72] DORJI, TASHI YANGZOME, BT
[72] DORJI, SINGAY, BT
[72] GYELTSHEN, SHERUB, BT
[73] QUANTUM PHARMACEUTICALS LTD., HK
[73] DAHLGREN, ATTI-LA, ZZ
[73] DAHLGREN, JOHN, ZZ
[73] DORJI, TASHI YANGZOME, ZZ
[73] DORJI, SINGAY, ZZ
[73] GYELTSHEN, SHERUB, ZZ
[73] ROYAL GOVERNMENT OF BHUTAN, MINISTRY OF AGRICULTURE, BT
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[25] EN
[54] **USE OF COPOLYMER FOR INCREASING ACTIVITY OF PESTICIDE**
[54] **UTILISATION D'UN COPOLYMERE POUR AUGMENTER L'ACTIVITE D'UN PESTICIDE**
[72] MERTOGLU, MURAT, DE
[72] BECHTEL, STEFAN, DE
[72] KLAPPACH, KRISTIN, DE
[72] NOLTE, MARC, DE
[73] BASF SE, DE
[73] MERTOGLU, MURAT, ZZ
[73] BECHTEL, STEFAN, ZZ
[73] KLAPPACH, KRISTIN, ZZ
[73] NOLTE, MARC, ZZ
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[54] **ENHANCED GPS LOCATION IN MOBILE ASSET TRACKING**
[54] **LOCALISATION GPS AMELIOREE DANS UN SYSTEME DE SUIVI DES BIENS DU TYPE MOBILE**
[72] PERTEN, HERBERT, US
[72] SLIFKIN, TIMOTHY P., US
[73] PERTEN, HERBERT, ZZ
[73] SLIFKIN, TIMOTHY P., ZZ
[73] STARTRAK INFORMATION TECHNOLOGIES, LLC, US
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[54] **HBF ET A1M A TITRE DE MARQUEURS PRECOCES DE PREECLAMPSIE**
[72] AKERSTROEM, BO, SE
[72] OLSSON, MAGNUS, SE
[72] HANSSON, STEFAN, SE
[73] AKERSTROEM, BO, ZZ
[73] OLSSON, MAGNUS, ZZ
[73] HANSSON, STEFAN, ZZ
[73] PREELUMINA DIAGNOSTICS AB, SE
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[54] **PANNEAU ADAPTATEUR MOBILE**
[72] COTE, MONIQUE L., US
[72] FRAZIER, BRENT M., US
[72] JAY, RAYMOND G., US
[72] RASMUSSEN, MICHAEL H., US
[73] COTE, MONIQUE L., ZZ
[73] FRAZIER, BRENT M., ZZ
[73] JAY, RAYMOND G., ZZ
[73] RASMUSSEN, MICHAEL H., ZZ
[73] CORNING OPTICAL COMMUNICATIONS LLC, US
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[25] EN
[54] **WINCH APPARATUS**
[54] **APPAREIL DE TREUIL**
[72] LAWSON, ANDREW, GB
[72] MCFALL, CAMPBELL, GB
[72] O'HARA, DENNIS, GB
[73] PARKBURN PRECISION HANDLING SYSTEMS LIMITED, GB
[73] LAWSON, ANDREW, ZZ
[73] MCFALL, CAMPBELL, ZZ
[73] O'HARA, DENNIS, ZZ
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[87] (WO2011/121272)
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[25] EN
[54] **USE OF THE PHYTOCANNABINOID CANNABIDIVARIN (CBDV) IN THE TREATMENT OF EPILEPSY**
[54] **UTILISATION DE CANNABIDIVARINE (CBDV), UN PHYTOCANNABINOIDE, DANS LE TRAITEMENT DE L'EPILEPSIE**
[72] WHALLEY, BENJAMIN, GB
[72] WILLIAMS, CLAIRE, GB
[72] STEPHENS, GARY, GB
[72] FUTAMURA, TAKASHI, JP
[72] HILL, THOMAS, GB
[73] GW PHARMA LIMITED, GB
[73] OTSUKA PHARMACEUTICAL CO., LIMITED, JP
[73] WHALLEY, BENJAMIN, ZZ
[73] WILLIAMS, CLAIRE, ZZ
[73] STEPHENS, GARY, ZZ
[73] FUTAMURA, TAKASHI, ZZ
[73] HILL, THOMAS, ZZ
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[54] **ABSORBENT ARTICLE HAVING LEG CUFFS**
[54] **ARTICLE ABSORBANT AYANT DES MANCHONS DE JAMBE**
[72] O'CONNELL, SUSAN, US
[73] FIRST QUALITY BABY PRODUCTS, LLC, US
[73] O'CONNELL, SUSAN, ZZ
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[54] **IMPROVEMENTS IN OR RELATING TO REFRIGERATED DISPLAY APPLIANCES**
[54] **PERFECTIONNEMENTS APPORTES A DES PRESENTOIRS REFRIGERES**
[72] WOOD, IAN, GB
[72] HAMMOND, EDWARD, GB
[73] APPLIED DESIGN AND ENGINEERING LTD, GB
[73] WOOD, IAN, ZZ
[73] HAMMOND, EDWARD, ZZ
[85] 2012-09-28
[86] 2011-03-29 (PCT/GB2011/000474)
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[30] GB (1005277.7) 2010-03-29
[30] GB (1005285.0) 2010-03-29
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[25] EN
[54] **METHODS FOR PRODUCING VILOXAZINE SALTS AND NOVEL POLYMORPHS THEREOF**
[54] **PROCEDES DE FABRICATION DE SELS DE VILOXAZINE ET LEURS NOUVEAUX POLYMORPHES**
[72] LIANG, LIKAN, US
[72] BHATT, PADMANABH P., US
[72] DAIN, DAVID, US
[72] TAQUET, JEAN-PHILIPPE, FR
[72] PECHENOV, ALEKSANDR, US
[72] TCHESNOKOV, ALEXEI, US
[72] MARIAUX, REYNOLD, CH
[73] SUPERNUS PHARMACEUTICALS INC., US
[73] LIANG, LIKAN, ZZ
[73] BHATT, PADMANABH P., ZZ
[73] DAIN, DAVID, ZZ
[73] TAQUET, JEAN-PHILIPPE, ZZ
[73] PECHENOV, ALEKSANDR, ZZ
[73] TCHESNOKOV, ALEXEI, ZZ
[73] MARIAUX, REYNOLD, ZZ
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[72] MONNERAT, MICHEL, FR
[72] KAROUBY, PHILIPPE, FR
[73] THALES, FR
[73] CALMETTES, THIBAUD, ZZ
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[54] **PROCEDE DE POSE D'UN PIPELINE SUR LE FOND D'UN PLAN D'EAU A PARTIR D'UN NAVIRE POSEUR, ET NAVIRE POSEUR**
[72] MASSARI, GIOVANNI, IT
[72] SCARPA, MATTEO, IT
[73] SAIPEM S.P.A., IT
[73] MASSARI, GIOVANNI, ZZ
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[72] PRAT QUINONES, MARIA, ES
[72] FONQUERNA POU, SILVIA, ES
[72] PUIG DURAN, CARLOS, ES
[72] LUMERAS AMADOR, WENCESLAO, ES
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[72] CATURLA JAVALOYES, JUAN FRANCISCO, ES
[73] ALMIRALL, S.A., ES
[73] PRAT QUINONES, MARIA, ZZ
[73] FONQUERNA POU, SILVIA, ZZ
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[72] CATONI, JOHN GERARD, AU
[72] MONK, RICHARD, AU
[73] NAUTI-CRAFT PTY LTD, AU
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[54] **AUBE DE TURBOMACHINE A GEOMETRIE COMPLEMENTAIRE PAIRE/IMPAIRE ET SON PROCEDE DE FABRICATION**
[72] ROUSSILLE, CLEMENT, FR
[72] MATEO, JULIEN, FR
[73] HERAKLES, FR
[73] SNECMA, FR
[73] ROUSSILLE, CLEMENT, ZZ
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[72] SHETTY, DHANURAJ S., US
[72] VAN HOLTEN, ROBERT W., US
[72] ZHONG, DEGANG, US
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[54] **PROCEDE ET APPAREIL DESTINES A UN CAPTEUR DE RESONANCE DE PLASMON DE SURFACE LOCALISEE INTERFEROMETRIQUE (ILSPR)**
[72] DENOMME, RYAN CAMERON, CA
[72] NIEVA, PATRICIA MARLEN, CA
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[72] CRADDOCK, DAVID, US
[72] GREGG, THOMAS, US
[72] FARRELL, MARK, US
[72] EASTON, JANET, US
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[54] **CAISSE DE RESONANCE AMELIOREE POUR HARPE ET SON PROCEDE DE FABRICATION**
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[72] PEIRANO, GIORGIO, IT
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[54] **PROCEDE DE TRAITEMENT THERMIQUE LATERAL DE FILMS MINCES SUR DES SUBSTRATS A BASSE TEMPERATURE**
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[73] NCC NANO, LLC, US
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[72] LEFEBVRE, GUY, FR
[72] LEFEBVRE, YANN, FR
[73] SOCIETE BIC, FR
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[72] DUIS, JAMES JOSEPH, US
[72] GORDON, MARK, US
[72] EGAN, LUKE, US
[73] BASF SE, DE
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[54] **STRUCTURE D'ANTENNE CHIRURGICALE**
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[73] CREO MEDICAL LIMITED, GB
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[54] **ANTENNE CHIRURGICALE ET SYSTEME ELECTROCHIRURGICAL UTILISANT CELLE-CI**
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[73] CREO MEDICAL LIMITED, GB
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[72] VERPLOEGEN, SANDRA, NL
[72] BLEEKER, WIM, NL
[72] LISBY, STEEN, DK
[72] WINKEL, JAN VAN DE, NL
[72] BERKEL, PATRICK VAN, NL
[72] PARREN, PAUL, NL
[73] GENMAB A/S, DK
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[54] **METHOD FOR MANUFACTURING A DATA CARRIER BODY FOR A PORTABLE DATA CARRIER AND DATA CARRIER BODY**
[54] **PROCEDE DE FABRICATION D'UN CORPS DE SUPPORT DE DONNEES POUR UN SUPPORT DE DONNEES PORTATIF ET CORPS DE SUPPORT DE DONNEES**
[72] TARANTINO, THOMAS, DE
[72] PONIKWAR, WALTER, DE
[72] SALZER, TOBIAS, DE
[72] ENDRES, GUENTER, DE
[72] SCHELLENBERGER, CRISTINA, DE
[73] TARANTINO, THOMAS, ZZ
[73] PONIKWAR, WALTER, ZZ
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[72] BROUSSEAU, IVAN, CA
[72] CHENEVERT, FRANCOIS, CA
[72] COTNOIR, THIERRY, CA
[72] TOGNON, VINCENT, CA
[73] BOMBARDIER RECREATIONAL PRODUCTS INC., CA
[73] MASSICOTTE, ALAIN, CA
[73] BROUSSEAU, IVAN, CA
[73] CHENEVERT, FRANCOIS, CA
[73] COTNOIR, THIERRY, CA
[73] TOGNON, VINCENT, CA
[85] 2012-12-20
[86] 2010-06-30 (PCT/US2010/040626)
[87] (WO2012/002958)

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[13] A1
[51] **Int.Cl. A47C 3/20 (2006.01) A47C 4/52 (2006.01) A47C 7/40 (2006.01) A47C 31/12 (2006.01)**
[25] EN
[54] **SEAT WITH AUTOMATICALLY RISING BACKREST**
[54] **SIEGE A DOSSIER SE LEVANT AUTOMATIQUEMENT**
[72] JAMES, LUCAS, GB
[73] JAMES, LUCAS, GB
[73] SPLICED IP LTD., GB
[85] 2012-12-20
[86] 2011-07-01 (PCT/GB2011/051255)
[87] (WO2012/001429)
[30] GB (1011059.1) 2010-07-01

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[13] A1
[51] **Int.Cl. A61M 27/00 (2006.01) A61F 13/00 (2006.01) A61M 1/00 (2006.01)**
[25] EN
[54] **WOUND DRAINAGE CONTROL APPARATUS**
[54] **DISPOSITIF DE REGULATION DU DRAINAGE D'UNE PLAIE**
[72] STUBBER, RAYMOND LAWRENCE, AU
[73] RESEARCH MEDICAL PTY LTD, AU
[73] STUBBER, RAYMOND LAWRENCE, ZZ
[85] 2012-12-27
[86] 2011-05-10 (PCT/AU2011/000533)
[87] (WO2012/000014)
[30] AU (2010902868) 2010-06-29

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[13] A1
[51] **Int.Cl. H04W 4/10 (2009.01) H04W 12/02 (2009.01) H04W 80/04 (2009.01) H04W 84/02 (2009.01) H04W 92/02 (2009.01)**
[25] EN
[54] **WIFI INTERWORKING SOLUTIONS FOR PUSH-TO-TALK-OVER-CELLULAR (POC)**
[54] **SOLUTIONS D'INTERFONCTIONNEMENT WIFI POUR MESSAGERIE VOCALE INSTANTANEE SUR RESEAU CELLULAIRE**
[72] PATEL, KRISHNAKANT M., US
[72] NEGALAGULI, HARISHA M., US
[72] VEMPATI, BRAHMANANDA R., US
[72] CHEEDELLA, SHIVA K. K., US
[72] KUPPA, RAAJEEV, US
[72] AYYASAMY, RAVI, US
[72] KUMAR, RAVI SHANKAR, US
[72] VELAYUDHAN, ARUN, IN
[72] KUNDU, GORACHAND, IN
[72] RAMAMOORTHY, RAVI GANESH, IN
[72] KANDULA, RAMU, IN
[73] KODIAK NETWORKS, INC., US
[73] PATEL, KRISHNAKANT M., ZZ
[73] NEGALAGULI, HARISHA M., ZZ
[73] VEMPATI, BRAHMANANDA R., ZZ
[73] CHEEDELLA, SHIVA K. K., ZZ
[73] KUPPA, RAAJEEV, ZZ
[73] AYYASAMY, RAVI, ZZ
[73] KUMAR, RAVI SHANKAR, ZZ
[73] VELAYUDHAN, ARUN, ZZ
[73] KUNDU, GORACHAND, ZZ
[73] RAMAMOORTHY, RAVI GANESH, ZZ
[73] KANDULA, RAMU, ZZ
[86] (2804368)
[87] (2804368)
[22] 2013-02-01
[30] US (61/593,485) 2012-02-01

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[13] A1
[51] **Int.Cl. B66F 1/08 (2006.01) B66F 3/25 (2006.01) E04H 7/06 (2006.01)**
[25] EN
[54] **FOLDING LIFTING DEVICE TO BE USED IN THE CONSTRUCTION OF LARGE METAL TANKS AND ITS REMOVABLE FITTING**
[54] **DISPOSITIF DE LEVAGE PLIABLE A UTILISER DANS LA CONSTRUCTION DE CONTENEURS METALLIQUES DE GRANDES DIMENSIONS, ET ACCESSOIRE AMOVIBLE A UTILISER AVEC LEDIT DISPOSITIF**
[72] CANTONI, MARCELO RICARDO, AR
[72] CANTONI, SEBASTIAN, AR
[73] CANTONI GRUAS Y MONTAJES S.R.L., AR
[73] CANTONI, MARCELO RICARDO, ZZ
[73] CANTONI, SEBASTIAN, ZZ
[85] 2013-01-07
[86] 2011-07-06 (PCT/ES2011/070494)
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[51] **Int.Cl. B04B 11/08 (2006.01)**
[25] EN
[54] **A SEPARATOR HAVING A CENTRIFUGAL DRUM**
[54] **SEPARATEUR A TAMBOUR CENTRIFUGE**
[72] HERBERG, WOLF-DIETRICH, DE
[72] WAUBKE, CARSTEN, DE
[73] GEA MECHANICAL EQUIPMENT GMBH, DE
[73] HERBERG, WOLF-DIETRICH, ZZ
[73] WAUBKE, CARSTEN, ZZ
[85] 2013-01-09
[86] 2011-07-26 (PCT/EP2011/062796)
[87] (WO2012/013654)
[30] DE (10 2010 032 859.6) 2010-07-30

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[13] A1
[51] **Int.Cl. C10G 29/20 (2006.01) C07C 7/152 (2006.01)**
[25] EN
[54] **IMPROVED METHOD OF REMOVING HYDROGEN SULFIDE**
[54] **PROCEDE AMELIORE POUR EXTRAIRE DU SULFURE D'HYDROGENE**
[72] COMPTON, DENNIS R., US
[72] STRICKLAND, J. BYRON, US
[73] NALCO COMPANY, US
[73] COMPTON, DENNIS R., ZZ
[73] STRICKLAND, J. BYRON, ZZ
[85] 2013-01-14
[86] 2011-07-13 (PCT/US2011/043780)
[87] (WO2012/009391)
[30] US (12/835,805) 2010-07-14

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[13] A1
[51] **Int.Cl. F16B 15/08 (2006.01) F16B 15/00 (2006.01)**
[25] EN
[54] **STAPLE STRIP FOR FASTENING INSULATING PANELS TO WOODEN SUPPORTS**
[54] **BANDE D'AGRAFES POUR L'INSTALLATION DE PANNEAUX ISOLANTS SUR DES SUPPORTS EN BOIS**
[72] ALBRECHT, KLAUS, DE
[73] JOH. FRIEDRICH BEHRENS AG, DE
[73] ALBRECHT, KLAUS, ZZ
[86] (2807291)
[87] (2807291)
[22] 2013-02-26
[30] EP (12 002 061.5) 2012-03-23

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[13] A1
[51] **Int.Cl. F28D 9/00 (2006.01) F28F 3/08 (2006.01)**
[25] EN
[54] **HEAT EXCHANGER**
[54] **ECHANGEUR DE CHALEUR**
[72] SAEGROV, STEIN ODDVAR, NO
[72] GODESET, OTTO, NO
[72] MYKLEBUST, RUNE, NO
[73] SPERRE COOLERS AS, NO
[73] PLEAT AS, NO
[73] SAEGROV, STEIN ODDVAR, ZZ
[73] GODESET, OTTO, ZZ
[73] MYKLEBUST, RUNE, ZZ
[85] 2013-03-04
[86] 2011-09-07 (PCT/NO2011/000238)
[87] (WO2012/033411)
[30] NO (20101249) 2010-09-07

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[13] A1
[51] **Int.Cl. A61M 16/04 (2006.01)**
[25] EN
[54] **ARTIFICIAL AIRWAY DEVICE**
[54] **DISPOSITIF DE VOIES AERIENNES ARTIFICIELLES**
[72] BRAIN, ARCHIBALD IAN JEREMY, SC
[73] BRAIN, ARCHIBALD IAN JEREMY, ZZ
[73] TELEFLEX LIFE SCIENCES UNLIMITED COMPANY, IE
[85] 2013-03-26
[86] 2011-09-29 (PCT/GB2011/001421)
[87] (WO2012/042219)
[30] GB (1016562.9) 2010-10-01

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[13] A1
[51] **Int.Cl. E21B 33/06 (2006.01) E21B 33/068 (2006.01)**
[25] EN
[54] **IMPROVED BLOWOUT PREVENTER WITH PORT FOR ENTRY BETWEEN CASING AND TUBING STRING AND/OR PORT FOR ENTRY INTO TUBING STRING**
[54] **BLOC OBTURATEUR DE PUITS AMELIORE PRESENTANT UN ORIFICE POUR L'ENTREE ENTRE UN TUBAGE ET UN TUBE DE PRODUCTION ET/OU UN ORIFICE POUR L'ENTREE DANS UN TUBE DE PRODUCTION**
[72] BENTLEY, JAMES, CA
[72] WRIGHT, ANDREW J., CA
[73] MILLENNIUM OILFLOW SYSTEMS & TECHNOLOGY INC., CA
[73] BENTLEY, JAMES, CA
[73] WRIGHT, ANDREW J., CA
[85] 2013-03-15
[86] 2011-09-16 (PCT/CA2011/001048)
[87] (WO2012/034227)
[30] US (61/383,613) 2010-09-16

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[13] A1
[51] **Int.Cl. G06Q 10/06 (2012.01)**
[25] EN
[54] **SYSTEM AND METHOD OF DEVICE MAINTENANCE REPORTING VIA A WIRELESS PROTOCOL**
[54] **SYSTEME ET METHODE D'ETABLISSEMENT DE RAPPORTS DE MAINTENANCE DE DISPOSITIF PAR L'INTERMEDIAIRE D'UN PROTOCOLE SANS FIL**
[72] PIEL, KEVIN G., US
[72] GARAVUSO, MICHAEL, US
[72] EDWARDS, LEWIN ALEKSIS ROGER WILLIAM, US
[72] BOODOOSINGH, NARINE, US
[72] KOVACH, JOHN, US
[73] HONEYWELL INTERNATIONAL INC., US
[73] PIEL, KEVIN G., ZZ
[73] GARAVUSO, MICHAEL, ZZ
[73] EDWARDS, LEWIN ALEKSIS ROGER WILLIAM, ZZ
[73] BOODOOSINGH, NARINE, ZZ
[73] KOVACH, JOHN, ZZ
[86] (2814000)
[87] (2814000)
[22] 2013-04-22
[30] US (13/458,589) 2012-04-27

[11] **2,815,599**
[13] A1
[51] **Int.Cl. A47C 9/02 (2006.01) A47C 3/20 (2006.01)**
[25] EN
[54] **UPRIGHT ACTIVE-SITTING SEAT**
[54] **SIEGE POUR ASSISE ACTIVE VERTICALE**
[72] KEEN, MARTIN, US
[72] COYLE, RYAN M., US
[72] SIROTIN, JUSTIN W., US
[72] HALL, DIAU P., US
[73] KEEN, MARTIN, ZZ
[73] COYLE, RYAN M., ZZ
[73] SIROTIN, JUSTIN W., ZZ
[73] HALL, DIAU P., ZZ
[73] SAFCO PRODUCTS CO., US
[86] (2815599)
[87] (2815599)
[22] 2013-05-13
[30] US (61/647,899) 2012-05-16
[30] US (13/890,557) 2013-05-09

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[13] A1
[51] **Int.Cl. A61B 46/10 (2016.01) A61B 46/00 (2016.01) A47K 1/06 (2006.01) A61M 5/44 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR WARMING MEDICAL SOLUTIONS IN A THERMAL TREATMENT SYSTEM EMPLOYING A REMOVABLE BASIN**
[54] **PROCEDE ET APPAREIL PERMETTANT DE RECHAUFFER DES SOLUTIONS MEDICALES DANS UN SYSTEME DE TRAITEMENT THERMIQUE UTILISANT UN BASSIN AMOVIBLE**
[72] FARIES, DURWARD I., US
[73] PATENTED MEDICAL SOLUTIONS, LLC, US
[73] FARIES, DURWARD I., ZZ
[86] (2815870)
[87] (2815870)
[22] 2009-04-09
[62] 2,720,626
[30] US (61/043,415) 2008-04-09
[30] US (12/420,455) 2009-04-08

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[13] A1
[51] **Int.Cl. F16C 11/06 (2006.01) B60G 7/02 (2006.01) B60G 21/055 (2006.01)**
[25] EN
[54] **STABILIZER LINK AND METHOD FOR MANUFACTURING SAME**
[54] **ARTICULATION STABILISATRICE ET PROCEDE DE FABRICATION DE CETTE ARTICULATION**
[72] KURODA, SHIGERU, JP
[73] NHK SPRING CO., LTD., JP
[73] KURODA, SHIGERU, ZZ
[85] 2013-05-01
[86] 2011-09-13 (PCT/JP2011/070831)
[87] (WO2012/066844)
[30] JP (2010-258825) 2010-11-19

[11] **2,816,921**
[13] A1
[51] **Int.Cl. H04W 72/04 (2009.01)**
[25] EN
[54] **WIRELESS RESOURCES**
[54] **RESSOURCES SANS FIL**
[72] ANDERSON, NICHOLAS WILLIAM, GB
[72] YOUNG, GORDON PETER, GB
[72] BURBIDGE, RICHARD CHARLES, GB
[73] ANDERSON, NICHOLAS WILLIAM, ZZ
[73] YOUNG, GORDON PETER, ZZ
[73] BURBIDGE, RICHARD CHARLES, ZZ
[73] BLACKBERRY LIMITED, CA
[85] 2013-05-03
[86] 2011-11-08 (PCT/EP2011/069666)
[87] (WO2012/062766)
[30] US (61/411,471) 2010-11-08

[11] **2,817,058**
[13] A1
[51] **Int.Cl. H01M 4/136 (2010.01) H01M 10/052 (2010.01) H01M 4/58 (2010.01)**
[25] FR
[54] **METHOD FOR OPTIMIZING A CATHODE MATERIAL AND CATHODE MATERIAL HAVING ENHANCED ELECTROCHEMICAL PROPERTIES**
[54] **PROCEDE D'OPTIMISATION D'UN MATERIAU DE CATHODE ET MATERIAU DE CATHODE AYANT DES PROPRIETES ELECTROCHIMIQUES AMELIOREES**
[72] GEOFFROY, DENIS, CA
[72] LIANG, GUOXIAN, CA
[72] GAUTHIER, MICHEL, CA
[72] LAHRS, THORSTEN, CA
[72] RAVET, NATHALIE, CA
[72] PARENT, MICHEL, CA
[72] VALLEE, ALAIN, CA
[72] LEBLANC, PATRICK, CA
[72] COTTON, FREDERIC, CA
[73] GEOFFROY, DENIS, CA
[73] LIANG, GUOXIAN, CA
[73] GAUTHIER, MICHEL, CA
[73] LAHRS, THORSTEN, CA
[73] RAVET, NATHALIE, CA
[73] PARENT, MICHEL, CA
[73] BATHIUM CANADA INC., CA
[73] VALLEE, ALAIN, CA
[73] LEBLANC, PATRICK, CA
[73] COTTON, FREDERIC, CA
[73] JOHNSON MATTHEY PUBLIC LIMITED COMPANY, GB
[85] 2012-07-27
[86] 2011-01-28 (PCT/CA2011/000108)
[87] (WO2011/091525)
[30] CA (2,691,265) 2010-01-28

[11] **2,817,481**
[13] A1
[51] **Int.Cl. C03C 27/12 (2006.01) B32B 17/10 (2006.01) C08K 5/00 (2006.01) C08L 29/14 (2006.01) G02B 27/01 (2006.01)**
[25] FR
[54] **LAMINATED GLASS PANEL FOR HEAD-UP DISPLAY SYSTEM**
[54] **PANNEAU DE VERRE STRATIFIE DESTINE A UN SYSTEME D'AFFICHAGE TETE HAUTE**
[72] SABLAYROLLES, JEAN, FR
[72] DEKONINCK, ALEXANDRA, FR
[72] LABROT, MICHAEL, FR
[73] SABLAYROLLES, JEAN, ZZ
[73] DEKONINCK, ALEXANDRA, ZZ
[73] LABROT, MICHAEL, ZZ
[73] SEKISUI CHEMICAL CO., LTD., JP
[85] 2013-05-09
[86] 2011-11-30 (PCT/FR2011/052820)
[87] (WO2012/072950)
[30] FR (1060081) 2010-12-03

[11] **2,818,009**
[13] A1
[51] **Int.Cl. F16M 11/22 (2006.01) A47B 37/02 (2006.01) A47B 91/04 (2006.01) F16F 15/08 (2006.01)**
[25] EN
[54] **VIBRATION DAMPING STAND**
[54] **PIED D'AMORTISSEMENT DE VIBRATIONS**
[72] MORRISON, DAVID, CA
[72] DICKIE, ROBERT G., CA
[73] D MORRISON CONSULTING INC., CA
[73] MORRISON, DAVID, CA
[73] DICKIE, ROBERT G., CA
[85] 2013-05-15
[86] 2010-11-16 (PCT/CA2010/001782)
[87] (WO2011/060529)
[30] US (12/620,174) 2009-11-17

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[13] A1
[51] **Int.Cl. C07K 14/435 (2006.01) C07K 14/00 (2006.01)**
[25] EN
[54] **HUMAN LACTOFERRIN DERIVED PEPTIDE FOR USE AS AN ANTIGEN MASKING AGENT**
[54] **PEPTIDE DERIVE DE LA LACTOFERRINE HUMAINE DESTINE A ETRE UTILISE EN TANT QU'AGENT DE MASQUAGE ANTIGENIQUE**
[72] HARTWIG, BENEDIKT, DE
[72] TOME ALCALDE, JUAN, ES
[72] WINDHAB, NORBERT, DE
[72] ANSUATEGUI PANZANO, MARIA DEL PILAR, ES
[72] VARA CARRERA, MATIAS JAVIER, ES
[73] EVONIK ROHM GMBH, DE
[73] HARTWIG, BENEDIKT, ZZ
[73] TOME ALCALDE, JUAN, ZZ
[73] WINDHAB, NORBERT, ZZ
[73] ANSUATEGUI PANZANO, MARIA DEL PILAR, ZZ
[73] VARA CARRERA, MATIAS JAVIER, ZZ
[85] 2013-05-24
[86] 2010-11-26 (PCT/EP2010/068302)
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[13] A1
[51] **Int.Cl. C07K 1/36 (2006.01) C07K 14/765 (2006.01)**
[25] EN
[54] **METHOD FOR EXTRACTING HUMAN SERUM ALBUMIN FROM TRANSGENIC RICE GRAIN**
[54] **PROCEDE POUR EXTRAIRE LA SERUM-ALBUMINE HUMAINE A PARTIR DE GRAIN DE RIZ TRANSGENIQUE**
[72] YANG, DAICHANG, CN
[72] HE, YANG, CN
[72] LI, GUANGFEI, CN
[73] YANG, DAICHANG, ZZ
[73] HE, YANG, ZZ
[73] LI, GUANGFEI, ZZ
[73] WUHAN HEALTHGEN BIOTECHNOLOGY CORP., CN
[85] 2013-06-12
[86] 2011-08-18 (PCT/CN2011/001373)
[87] (WO2012/083579)
[30] CN (201010597544.2) 2010-12-20

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[13] A1
[51] **Int.Cl. H04W 4/30 (2018.01) H04W 4/12 (2009.01) G06Q 40/04 (2012.01) G06F 3/048 (2013.01) H04W 4/021 (2018.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR DISPLAYING MARKET DEPTH AND OTHER INFORMATION ON A MOBILE PHONE, HANDHELD DEVICE, OR COMPUTER SYSTEM**
[54] **METHODE ET APPAREILLAGE PERMETTANT D'AFFICHER LE SONDAGE DU MARCHE ET D'AUTRES INFORMATIONS SUR UN TELEPHONE MOBILE, UN TERMINAL DE POCHE OU UN SYSTEME INFORMATIQUE**
[72] ANNUNZIATA, VINCENT P., US
[72] EHRLICH, DAVID, US
[72] SUMMERMATTER, PAUL, US
[72] HERMANSON, ERIC M., US
[72] ROWLAND, JOHN, US
[73] TRADE CAPTURE, OTC CORP., US
[73] ANNUNZIATA, VINCENT P., ZZ
[73] EHRLICH, DAVID, ZZ
[73] SUMMERMATTER, PAUL, ZZ
[73] HERMANSON, ERIC M., ZZ
[73] ROWLAND, JOHN, ZZ
[86] (2821460)
[87] (2821460)
[22] 2010-09-30
[62] 2,716,146
[30] US (61/248,354) 2009-10-02
[30] US (12/893,690) 2010-09-29

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[13] A1
[51] **Int.Cl. B22D 17/08 (2006.01) B22D 17/02 (2006.01) B22D 17/22 (2006.01)**
[25] EN
[54] **DIE CASTING MACHINE**
[54] **MACHINE DE MOULAGE SOUS PRESSION**
[72] BERGERON, STEPHANE, CA
[72] BOURBONNAIS, ALAIN, CA
[72] DUBOIS, SAMUEL, CA
[72] OUELLET, JEAN-PIERRE, CA
[72] THIBAULT, CARL, CA
[72] LAVEAU, RICHARD, CA
[72] MONETTE, GILBERT, CA
[73] BERGERON, STEPHANE, CA
[73] BOURBONNAIS, ALAIN, CA
[73] DUBOIS, SAMUEL, CA
[73] OUELLET, JEAN-PIERRE, CA
[73] THIBAULT, CARL, CA
[73] LAVEAU, RICHARD, CA
[73] MONETTE, GILBERT, CA
[73] CANIMEX INC., CA
[85] 2013-06-17
[86] 2010-12-29 (PCT/CA2010/002069)
[87] (WO2012/088580)

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[13] A1
[51] **Int.Cl. G01N 33/53 (2006.01) C12N 5/0781 (2010.01) C07K 16/00 (2006.01) C12N 15/12 (2006.01) C12Q 1/02 (2006.01)**
[25] EN
[54] **COMPREHENSIVE MONOCLONAL ANTIBODY GENERATION**
[54] **GENERATION D'ANTICORPS MONOCLONAUX ENTIERS**
[72] SHORT, JAY M., US
[73] SHORT, JAY M., ZZ
[73] BIOATLA, LLC, US
[85] 2013-06-25
[86] 2011-12-28 (PCT/US2011/067596)
[87] (WO2012/092376)
[30] US (61/429,004) 2010-12-31
[30] US (61/429,690) 2011-01-04

[11] **2,823,557**
[13] A1
[51] **Int.Cl. A61F 2/34 (2006.01) A61F 2/00 (2006.01)**
[25] EN
[54] **A SOCKET, IN PARTICULAR AN ACETABULAR SOCKET FOR A HIP ENDOPROSTHESIS**
[54] **FOURREAU, EN PARTICULIER FOURREAU ACETABULAIRE POUR UNE ENDOPROTHESE DE HANCHE**
[72] KLOCKOW, ANDREAS, CH
[72] ODERMATT, PIUS, CH
[73] SMITH & NEPHEW ORTHOPAEDICS AG, CH
[73] KLOCKOW, ANDREAS, ZZ
[73] ODERMATT, PIUS, ZZ
[85] 2013-07-02
[86] 2011-01-12 (PCT/EP2011/050336)
[87] (WO2012/095168)

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[13] A1
[51] **Int.Cl. H03M 7/30 (2006.01) G06F 17/30 (2006.01)**
[25] EN
[54] **GENERATING DATA PATTERN INFORMATION**
[54] **PRODUCTION D'INFORMATIONS DE CONFIGURATION DE DONNEES**
[72] ANDERSON, ARLEN, GB
[73] AB INITIO TECHNOLOGY LLC, US
[73] ANDERSON, ARLEN, ZZ
[85] 2013-06-28
[86] 2012-01-27 (PCT/US2012/022905)
[87] (WO2012/103438)
[30] US (61/437,361) 2011-01-28

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[13] A1
[51] **Int.Cl. B28B 3/20 (2006.01) C09K 8/80 (2006.01) E21B 43/267 (2006.01)**
[25] EN
[54] **EXTRUSION PROCESS FOR PROPPANT PRODUCTION**
[54] **PROCEDE D'EXTRUSION POUR FORMER DES AGENTS DE SOUTENEMENT**
[72] CHATTERJEE, DILIP K., US
[72] WU, SHANGHUA, US
[72] XIE, YUMING, US
[72] COKER, CHRISTOPHER F., US
[72] SKALA, ROBERT D., US
[73] CHATTERJEE, DILIP K., ZZ
[73] WU, SHANGHUA, ZZ
[73] XIE, YUMING, ZZ
[73] COKER, CHRISTOPHER F., ZZ
[73] SKALA, ROBERT D., ZZ
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2013-07-12
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[54] **BRACKET FOR MOUNTING WIRING ON STUD**
[54] **SUPPORT POUR FIXER UN CABLAGE SUR UN MONTANT**
[72] NUERNBERGER, ERIC ROLAND, US
[73] COOPER TECHNOLOGIES COMPANY, US
[73] NUERNBERGER, ERIC ROLAND, ZZ
[86] (2825387)
[87] (2825387)
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[54] **HOT BEVERAGE CONTAINER ASSEMBLY, INSERT, AND METHOD**
[54] **ENSEMBLE RECIPIENT POUR BOISSON CHAUDE, GARNITURE ET PROCEDE**
[72] SAVENOK, PAVEL, US
[73] SAVENOK, PAVEL, US
[85] 2013-08-14
[86] 2012-02-15 (PCT/US2012/000091)
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[54] **SWITCHING APPARATUS**
[54] **DISPOSITIF DE COMMUTATION**
[72] BORG, TOMAS, SE
[72] JOHANSSON, DANIEL, SE
[73] BORG, TOMAS, ZZ
[73] JOHANSSON, DANIEL, ZZ
[73] ABB SCHWEIZ AG, CH
[85] 2013-08-22
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[25] EN
[54] **IMPROVEMENTS IN SERVOVALVE ACTUATION**
[54] **PERFECTIONNEMENT A UN ACTIONNEUR DE VANNE ASSERVIE**
[72] SANGIAH, DHINESH, LK
[72] GUERRIER, PAUL, GB
[72] POWERS, GARY, GB
[73] MOOG CONTROLS LTD, GB
[73] SANGIAH, DHINESH, ZZ
[73] GUERRIER, PAUL, ZZ
[73] POWERS, GARY, ZZ
[85] 2013-09-05
[86] 2011-03-15 (PCT/GB2011/050502)
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[25] EN
[54] **A CYCLODEXTRIN-CONTAINING POLYMER-CAMPTOTHECIN CONJUGATE, PARTICLE OR COMPOSITION IN COMBINATION WITH ONE OR MORE ADDITIONAL AGENT(S)**
[54] **CONJUGUE DE COMPTOTHECINE-POLYMERE CONTENANT DE LA CYCLODEXTRINE, PARTICULE OU COMPOSITION EN COMBINAISON AVEC UN OU PLUSIEURS AGENTS SUPPLEMENTAIRES**
[72] RYAN, JOHN, US
[72] SCHLUEP, THOMAS, US
[73] CERULEAN PHARMA INC., US
[73] RYAN, JOHN, ZZ
[73] SCHLUEP, THOMAS, ZZ
[85] 2013-09-13
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[25] EN
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[54] **MACHINE DE FABRICATION DE STRATES POUR UN NOYAU MAGNETIQUE**
[72] TEDORE, PETER, AU
[73] AEM CORES PTY LTD, AU
[73] TEDORE, PETER, ZZ
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[86] 2011-06-21 (PCT/AU2011/000757)
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[51] **Int.Cl. G06Q 10/02 (2012.01) G06Q 50/14 (2012.01) G06F 17/30 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR A PRE-SHOPPING RESERVATION SYSTEM WITH INCREASED SEARCH EFFICIENCY**
[54] **PROCEDE ET SYSTEME DESTINES A UN SYSTEME DE RESERVATION AVANT L'ACHAT DONT L'EFFICACITE DE RECHERCHE EST ACCRUE**
[72] CIABRINI, DAMIEN, FR
[72] REYNAUD, CLAUDINE, FR
[72] ISNARDY, LUC, FR
[72] LEGRAND, GUILLAUME, FR
[72] GOLE', REMY, FR
[73] AMADEUS S.A.S., FR
[73] CIABRINI, DAMIEN, ZZ
[73] REYNAUD, CLAUDINE, ZZ
[73] ISNARDY, LUC, ZZ
[73] LEGRAND, GUILLAUME, ZZ
[73] GOLE', REMY, ZZ
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[54] **PUSH BUTTON MECHANISM FOR SHOWERHEAD CONTROL**
[54] **MECANISME DE BOUTON-POUSSOIR POUR UNE COMMANDE DE POMME DE DOUCHE**
[72] MILLER, MICHAEL A, US
[72] WU, JAMES, TW
[72] WU, ALEX, TW
[72] YANG, CEWEN, TW
[73] MILLER, MICHAEL A, ZZ
[73] WU, JAMES, ZZ
[73] WU, ALEX, ZZ
[73] YANG, CEWEN, ZZ
[73] DELTA FAUCET COMPANY, US
[85] 2013-11-04
[86] 2012-06-01 (PCT/US2012/040337)
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[25] EN
[54] **DOWNHOLE SHIFTING TOOL**
[54] **OUTIL DE DECALAGE DE FOND DE PUITS**
[72] SPENCER, MAX E., US
[72] STEVENON, PHILIP C., US
[72] MARTINEZ, RUBEN, US
[73] SCHLUMBERGER CANADA LIMITED, CA
[73] SPENCER, MAX E., ZZ
[73] STEVENON, PHILIP C., ZZ
[73] MARTINEZ, RUBEN, ZZ
[85] 2013-11-05
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[25] EN
[54] **SYNTHESIS OF 7-ACETYLENO QUINONE METHIDE DERIVATIVES AND THEIR APPLICATION AS VINYLIC POLYMERIZATION RETARDERS**
[54] **SYNTHESE DE DERIVES DE 7-ACETYLENO QUINONE METHIDE ET LEUR APPLICATION COMME RETARDATEURS DE POLYMERISATION VINYLIQUE**
[72] MASERE, JONATHAN, US
[73] NALCO COMPANY, US
[73] MASERE, JONATHAN, ZZ
[85] 2013-11-12
[86] 2012-06-11 (PCT/US2012/041823)
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[25] EN
[54] **SYNERGISTIC COMBINATION FOR INHIBITING POLYMERIZATION OF VINYL MONOMERS**
[54] **COMBINAISON SYNERGIQUE POUR INHIBER LA POLYMERISATION DE MONOMERES VINYLIQUES**
[72] MASERE, JONATHAN, US
[73] NALCO COMPANY, US
[73] MASERE, JONATHAN, ZZ
[85] 2013-11-12
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[54] **ADDITIVES FOR IMPROVING HYDROCARBON RECOVERY**
[54] **ADDITIFS POUR AMELIORER LA RECUPERATION D'HYDROCARBURES**
[72] CROSS, KIMBERLY JANTUNEN, US
[73] NALCO COMPANY, US
[73] CROSS, KIMBERLY JANTUNEN, ZZ
[85] 2013-11-12
[86] 2012-06-12 (PCT/US2012/041990)
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[25] EN
[54] **SUBSEA COMPRESSOR DIRECTLY DRIVEN BY A PERMANENT MAGNET MOTOR WITH STATOR AND ROTOR SUBMERGED IN LIQUID**
[54] **COMPRESSEUR SOUS-MARIN DIRECTEMENT ENTRAINE PAR UN MOTEUR A AIMANT PERMANENT A STATOR ET ROTOR IMMERGES DANS UN LIQUIDE**
[72] TONNESEN, LEIF ARNE, NO
[73] FMC KONGSBERG SUBSEA AS, NO
[73] TONNESEN, LEIF ARNE, ZZ
[85] 2013-11-28
[86] 2012-05-31 (PCT/EP2012/060206)
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[25] FR
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[54] **VEHICULE BLINDE COMPORTANT UNE RAMPE D'ACCES BASCULANTE**
[72] JACQUEMONT, JACKY, FR
[72] SERPEAULT, JEROME, FR
[73] NEXTER SYSTEMS, FR
[73] JACQUEMONT, JACKY, ZZ
[73] SERPEAULT, JEROME, ZZ
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[25] EN
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[54] **MESURE DE NIVEAU PAR RADAR**
[72] RIEGMAN, KLEMENT, NL
[73] STAMICARBON B.V., NL
[73] RIEGMAN, KLEMENT, ZZ
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[87] (WO2013/036108)
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[54] **AGENT FOR IMPROVING CANCER CELL ADHESIVENESS**
[54] **AGENT POUR L'AMELIORATION DE L'ADHESIVITE DE CELLULES CANCEREUSES**
[72] KANBARA, HISASHIGE, JP
[72] TANAKA, MASARU, JP
[72] YAGI, SATOMI, JP
[72] HOSHIBA, TAKASHI, JP
[72] NIKAIDOU, MAYO, JP
[72] SATOU, KAZUHIRO, JP
[72] SATOU, CHIKAKO, JP
[73] HITACHI CHEMICAL COMPANY, LTD., JP
[73] KANBARA, HISASHIGE, ZZ
[73] TANAKA, MASARU, ZZ
[73] YAGI, SATOMI, ZZ
[73] HOSHIBA, TAKASHI, ZZ
[73] NIKAIDOU, MAYO, ZZ
[73] SATOU, KAZUHIRO, ZZ
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[73] YAMAGATA UNIVERSITY, JP
[85] 2013-12-12
[86] 2012-06-11 (PCT/JP2012/064932)
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[30] JP (2011-131241) 2011-06-13
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[51] **Int.Cl. B65D 51/20 (2006.01) B65D 53/04 (2006.01) B65D 77/20 (2006.01)**
[25] FR
[54] **TAB JOINT FOR SEALING A CONTAINER WITH A LID OR CAP CLOSURE AND ASSOCIATED MANUFACTURING METHOD**
[54] **JOINT A LANGUETTE POUR OBTURATION D'UN RECIPIENT A FERMETURE PAR BOUCHON OU CAPSULE ET PROCEDE DE FABRICATION**
[72] TRIQUET, STEPHANE, FR
[72] BISCHOFF, REMY, FR
[73] MANUFACTURE GENERALE DE JOINTS, FR
[73] TRIQUET, STEPHANE, ZZ
[73] BISCHOFF, REMY, ZZ
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[86] 2012-01-27 (PCT/FR2012/050181)
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[25] EN
[54] **RAPID IMAGE RENDERING ON DUAL-MODULATOR DISPLAYS**
[54] **RENDU D'IMAGE RAPIDE SUR DES ECRANS D'AFFICHAGE A DOUBLE MODULATEUR**
[72] WHITEHEAD, LORNE A., CA
[72] SEETZEN, HELGE, CA
[72] HEIDRICH, WOLFGANG, CA
[72] WARD, GREGORY JOHN, US
[73] DOLBY LABORATORIES LICENSING CORPORATION, US
[73] WHITEHEAD, LORNE A., CA
[73] SEETZEN, HELGE, CA
[73] HEIDRICH, WOLFGANG, CA
[73] WARD, GREGORY JOHN, ZZ
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[25] EN
[54] **SCISSOR LIFT PALLET LIFTER**
[54] **CHARIOT ELEVATEUR POUR PALETTES A PLATEFORME ELEVATRICE**
[72] TAYLOR, CURTIS, US
[72] MISENER, AARON, US
[73] LIFT2SELL, LLC, US
[73] TAYLOR, CURTIS, ZZ
[73] MISENER, AARON, ZZ
[85] 2014-01-24
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[51] **Int.Cl. B62B 5/06 (2006.01)**
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[54] **SHOPPING CART DISPLACEABLE BY HAND AND HAVING A DETACHABLE HANDLE**
[54] **CHARIOT DE SUPERMARCHE POUVANT ETRE DEPLACE MANUELLEMENT ET MUNI DE POIGNEES EN SAILLIE**
[72] SONNENDORFER, HORST, DE
[72] WIETH, FRANZ, DE
[73] WIETH, FRANZ, DE
[73] FILOSI, ANDREAS, DE
[85] 2014-01-30
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[51] **Int.Cl. G06F 8/36 (2018.01) G06F 9/448 (2018.01)**
[25] EN
[54] **PROJECTING NATIVE APPLICATION PROGRAMMING INTERFACES OF AN OPERATING SYSTEM INTO OTHER PROGRAMMING LANGUAGES**
[54] **PROJECTION D'INTERFACES DE PROGRAMMATION D'APPLICATION NATIVES D'UN SYSTEME D'EXPLOITATION DANS D'AUTRES LANGAGES DE PROGRAMMATION**
[72] PIERSON, HAROLD, US
[72] RECTOR, BRENT, US
[72] LOVELL, MARTYN, US
[72] PRAKRIYA, MAHESH, US
[72] ROWE, STEPHEN, US
[72] BASU, TASSADUQ, US
[72] WLODARCZYK, ROBERT A., US
[72] OMIYA, ELLIOT H., US
[72] DUNIETZ, JERRY, US
[72] HOLECEK, ALES, US
[72] OSTERMAN, LAWRENCE W., US
[72] ZENG, WEI, US
[72] WADHWA, NEERAJ, US
[72] SOLKAR, SHAKEEL, US
[72] AKSIONKIN, MICHAEL, US
[73] PIERSON, HAROLD, ZZ
[73] RECTOR, BRENT, ZZ
[73] LOVELL, MARTYN, ZZ
[73] PRAKRIYA, MAHESH, ZZ
[73] ROWE, STEPHEN, ZZ
[73] BASU, TASSADUQ, ZZ
[73] WLODARCZYK, ROBERT A., ZZ
[73] OMIYA, ELLIOT H., ZZ
[73] DUNIETZ, JERRY, ZZ
[73] HOLECEK, ALES, ZZ
[73] OSTERMAN, LAWRENCE W., ZZ
[73] ZENG, WEI, ZZ
[73] WADHWA, NEERAJ, ZZ
[73] SOLKAR, SHAKEEL, ZZ
[73] AKSIONKIN, MICHAEL, ZZ
[73] MICROSOFT TECHNOLOGY LICENSING, LLC, US
[85] 2014-02-14
[86] 2011-10-11 (PCT/US2011/055704)
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[51] **Int.Cl. G05D 1/00 (2006.01) B66F 9/075 (2006.01) G05D 1/02 (2006.01)**
[25] EN
[54] **MULTIMODE VEHICULAR NAVIGATION CONTROL**
[54] **COMMANDE MULTIMODE DE NAVIGATION VEHICULAIRE**
[72] WALTZ, LUCAS B., US
[72] ZHENG, BING, US
[72] MALLAK, THOMAS L., US
[72] MANGETTE, STEVE, US
[73] CROWN EQUIPMENT CORPORATION, US
[73] WALTZ, LUCAS B., ZZ
[73] ZHENG, BING, ZZ
[73] MALLAK, THOMAS L., ZZ
[73] MANGETTE, STEVE, ZZ
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[86] 2012-08-29 (PCT/US2012/052809)
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[51] **Int.Cl. C09K 3/30 (2006.01) C11D 1/02 (2006.01) C11D 3/37 (2006.01)**
[25] EN
[54] **DEVELOPMENT OF EXTENSIONAL VISCOSITY FOR REDUCED ATOMIZATION FOR DILUATED CONCENTRATE SPRAYER APPLICATIONS**
[54] **DEVELOPPEMENT DE VISCOSITE D'EXTENSION POUR ATOMISATION REDUITE POUR DES APPLICATIONS DE PULVERISATEUR DE CONCENTRE DILUE**
[72] HODGE, CHARLES A., US
[72] MCGUIRK, CHRISTOPHER M., US
[72] LEVITT, MARK D., US
[72] LARSON, DALE, US
[72] KIESEL, ELIZABETH R., US
[72] BLATTNER, AMANDA R., US
[73] ECOLAB USA INC., US
[73] HODGE, CHARLES A., ZZ
[73] MCGUIRK, CHRISTOPHER M., ZZ
[73] LEVITT, MARK D., ZZ
[73] LARSON, DALE, ZZ
[73] KIESEL, ELIZABETH R., ZZ
[73] BLATTNER, AMANDA R., ZZ
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[25] EN
[54] **METHOD AND DEVICE FOR PRODUCING A CLINCH-RIVET CONNECTION BY MEANS OF A ROTARY OSCILLATING MOVEMENT**
[54] **PROCEDE ET DISPOSITIF POUR PRODUIRE UNE CONNEXION PAR RIVET A REFOULEMENT AU MOYEN D'UN MOUVEMENT OSCILLATOIRE ROTATIF**
[72] STRAUB, ANTON, DE
[73] WEBO WERKZEUGBAU OBERSCHWABEN GMBH, DE
[73] STRAUB, ANTON, ZZ
[86] (2847155)
[87] (2847155)
[22] 2014-03-21
[30] DE (10 2013 004 960.1) 2013-03-22

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[51] **Int.Cl. B60S 1/48 (2006.01) B60R 16/08 (2006.01)**
[25] EN
[54] **WINDSHIELD WASHER FLUID HEATING APPARATUS, CONTROL SYSTEM, AND METHOD OF USING SAME**
[54] **APPAREIL DE CHAUFFAGE DE LIQUIDE LAVE-GLACE, SYSTEME DE COMMANDE ET SON PROCEDE D'UTILISATION**
[72] ELLIOTT, SHAYNE, CA
[73] ELLIOTT, SHAYNE, CA
[86] (2848077)
[87] (2848077)
[22] 2014-04-01
[30] US (US 61/808,132) 2013-04-03

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[51] **Int.Cl. B65B 17/00 (2006.01) B65B 19/00 (2006.01) B65H 54/02 (2006.01) F16L 55/115 (2006.01)**
[25] EN
[54] **METHOD, APPARATUS AND PLANT FOR CUTTING AND FITTING A CAP ONTO THE OPPOSITE CUT ENDS OF A PIPE**
[54] **PROCEDE, APPAREIL ET INSTALLATION POUR COUPER ET AJUSTER UN CAPUCHON AUX EXTREMITES COUPEES OPPOSEES D'UN TUYAU**
[72] SORRENTINO, MARCO, IT
[73] F.B. BALZANELLI AVVOLGITORI S.P.A., IT
[73] SORRENTINO, MARCO, ZZ
[86] (2850211)
[87] (2850211)
[22] 2014-04-29
[30] IT (MI2013A000709) 2013-04-30

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[25] EN
[54] **BOTTLE SYSTEM AND METHOD FOR FILTERING OR TREATING A BEVERAGE**
[54] **SYSTEME DE BOUTEILLE ET PROCEDE POUR FILTRER OU TRAITER UNE BOISSON**
[72] LANE, MARVIN, US
[73] THERMOS L.L.C., US
[73] LANE, MARVIN, ZZ
[86] (2851875)
[87] (2851875)
[22] 2014-05-14
[30] US (61/825,209) 2013-05-20
[30] US (14/170,133) 2014-01-31

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[13] A1
[51] **Int.Cl. C12Q 1/6823 (2018.01)**
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[54] **HYDROLYSIS PROBES**
[54] **SONDES D'HYDROLYSE**
[72] SCHRADER, BRIAN, US
[72] WHITMAN, DOUGLAS F., US
[73] LUMINEX CORPORATION, US
[73] SCHRADER, BRIAN, ZZ
[73] WHITMAN, DOUGLAS F., ZZ
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[25] EN
[54] **ACOUSTIC PROBING TECHNIQUE FOR THE DETERMINATION OF INTERIOR PIPE COATING WEAR OR SCALE BUILD-UP AND LINER WEAR**
[54] **TECHNIQUE DE SONDAGE ACOUSTIQUE PERMETTANT DE DETERMINER L'USURE DE L'ENDUIT INTERNE D'UN TUYAU, OU L'ACCUMULATION DE TARTRE ET L'USURE DU REVETEMENT INTERIEUR DU TUYAU**
[72] DAVIS, MICHAEL A., US
[72] KERSEY, ALAN D., US
[72] VIEGA, JOHN, US
[73] CIDRA CORPORATE SERVICES INC., US
[73] DAVIS, MICHAEL A., ZZ
[73] KERSEY, ALAN D., ZZ
[73] VIEGA, JOHN, ZZ
[85] 2014-04-16
[86] 2012-10-18 (PCT/US2012/060811)
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[51] **Int.Cl. C12Q 1/686 (2018.01) C12Q 1/6851 (2018.01) C12Q 1/6853 (2018.01)**
[25] EN
[54] **QUANTIFICATION OF ADAPTIVE IMMUNE CELL GENOMES IN A COMPLEX MIXTURE OF CELLS**
[54] **QUANTIFICATION DE GENOMES DE CELLULES IMMUNITAIRES ADAPTATIVES DANS UN MELANGE COMPLEXE DE CELLULES**
[72] ROBINS, HARLAN S., US
[72] LIVINGSTON, ROBERT J., US
[72] BIELAS, JASON H., US
[73] ADAPTIVE BIOTECHNOLOGIES CORPORATION, US
[73] ROBINS, HARLAN S., ZZ
[73] LIVINGSTON, ROBERT J., ZZ
[73] BIELAS, JASON H., ZZ
[73] FRED HUTCHINSON CANCER RESEARCH CENTER, US
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[54] **STEAM QUALITY MEASUREMENT SYSTEM**
[54] **SYSTEME DE MESURE DE QUALITE DE VAPEUR**
[72] VAN VYVE, ALBERT R.L.M., BE
[73] ARMSTRONG GLOBAL HOLDINGS, INC., US
[73] VAN VYVE, ALBERT R.L.M., ZZ
[85] 2014-04-24
[86] 2012-08-31 (PCT/US2012/053353)
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[25] EN
[54] **DOWNHOLE ACTIVATION ASSEMBLY WITH SLEEVE VALVE AND METHOD OF USING SAME**
[54] **ENSEMBLE D'ACTIVATION DE FOND DE TROU AVEC VANNE A MANCHON ET SON PROCEDE D'UTILISATION**
[72] ADAM, MARK, US
[73] NATIONAL OILWELL DHT, L.P., US
[73] ADAM, MARK, ZZ
[86] (2857841)
[87] (2857841)
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[30] US (61/859,012) 2013-07-26

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[51] **Int.Cl. A61K 33/38 (2006.01) A61K 35/00 (2006.01)**
[25] EN
[54] **USE OF SILVER (I) COMPLEXES AS ANTICANCER AGENTS**
[54] **UTILISATION DE COMPLEXES D'ARGENT (I) EN TANT QU'AGENTS ANTICANCEREUX**
[72] MEIJBOOM, REINOUT, ZA
[72] CRONJE, MARIANNE JACQUELINE, ZA
[73] UNIVERSITY OF JOHANNESBURG, ZA
[73] MEIJBOOM, REINOUT, ZZ
[73] CRONJE, MARIANNE JACQUELINE, ZZ
[85] 2014-06-05
[86] 2012-12-06 (PCT/IB2012/057029)
[87] (WO2013/084185)
[30] ZA (2011/08944) 2011-12-06

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[51] **Int.Cl. C08G 69/26 (2006.01) C08J 3/00 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR LASER SINTERING WITH PRETREATED MATERIAL**
[54] **PROCEDE ET SYSTEME POUR FRITTAGE LASER AVEC UNE MATIERE PRETRAITEE**
[72] VANELLI, DONALD LEWIS, US
[72] BOOTH, RICHARD BENTON, US
[72] THORNTON, BRUCE, US
[73] ADVANCED LASER MATERIALS, LLC, US
[73] VANELLI, DONALD LEWIS, ZZ
[73] BOOTH, RICHARD BENTON, ZZ
[73] THORNTON, BRUCE, ZZ
[85] 2014-06-10
[86] 2012-12-10 (PCT/US2012/068697)
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[25] EN
[54] **RECONFIGURABLE SHELF FOR COMPUTING MODULES**
[54] **ETAGERE RECONFIGURABLE POUR MODULES INFORMATIQUES**
[72] CORDDRY, MATTHEW T., US
[72] ROSS, PETER G., US
[72] FRINK, DARIN LEE, US
[73] AMAZON TECHNOLOGIES, INC., US
[73] CORDDRY, MATTHEW T., ZZ
[73] ROSS, PETER G., ZZ
[73] FRINK, DARIN LEE, ZZ
[85] 2014-06-12
[86] 2012-12-15 (PCT/US2012/069962)
[87] (WO2013/090862)
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[30] US (13/327,576) 2011-12-15
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[25] EN
[54] **CONNECTING MEMBER**
[54] **ELEMENT DE RACCORDEMENT**
[72] TATZEL, FRANK, AT
[72] OBERHAUSER, TOBIAS, DE
[72] SCHUTT, HAUKE, DE
[73] ROSENBERGER HOCHFREQUENZTECHNIK GMBH & CO. KG, DE
[73] TATZEL, FRANK, ZZ
[73] OBERHAUSER, TOBIAS, ZZ
[73] SCHUTT, HAUKE, ZZ
[85] 2014-07-03
[86] 2012-12-11 (PCT/EP2012/005113)
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[51] **Int.Cl. F16J 15/447 (2006.01) F16C 33/80 (2006.01)**
[25] EN
[54] **AIR BEARING FOR USE AS SEAL**
[54] **PALIER A AIR SERVANT DE JOINT D'ETANCHEITE**
[72] DEVITT, ANDREW, US
[73] NEW WAY MACHINE COMPONENTS, INC., US
[73] DEVITT, ANDREW, ZZ
[85] 2014-07-02
[86] 2013-01-03 (PCT/US2013/020162)
[87] (WO2013/103732)
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[30] US (61/704,927) 2012-09-24
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[25] EN
[54] **NICOTINAMIDE DERIVATIVES OR SALT THEREOF HAVING SYK-INHIBITORY ACTIVITY**
[54] **DERIVES DE NICOTINAMIDE OU SEL ASSOCIE AYANT UNE ACTIVITE D'INHIBITEUR DE SYK**
[72] FUJIWARA, HIDEYASU, JP
[72] MIZUMOTO, SHINSUKE, JP
[72] KUBO, YOHEI, JP
[72] NAKATA, HIYOKU, JP
[72] HAGIWARA, SHINJI, JP
[72] BABA, YASUTAKA, JP
[72] TAMURA, TAKASHI, JP
[72] KUNIYOSHI, HIDENOBU, JP
[72] MASHIKO, TOMOYUKI, JP
[72] YAMAMOTO, MARI, JP
[73] FUJIFILM CORPORATION, JP
[73] FUJIWARA, HIDEYASU, ZZ
[73] MIZUMOTO, SHINSUKE, ZZ
[73] KUBO, YOHEI, ZZ
[73] NAKATA, HIYOKU, ZZ
[73] HAGIWARA, SHINJI, ZZ
[73] BABA, YASUTAKA, ZZ
[73] TAMURA, TAKASHI, ZZ
[73] KUNIYOSHI, HIDENOBU, ZZ
[73] MASHIKO, TOMOYUKI, ZZ
[73] YAMAMOTO, MARI, ZZ
[85] 2014-06-25
[86] 2011-12-28 (PCT/JP2011/080597)
[87] (WO2013/099041)
[30] JP (2011-288205) 2011-12-28

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[51] **Int.Cl. B01J 29/08 (2006.01) C10G 11/05 (2006.01)**
[25] EN
[54] **HIGH LIGHT RECEIVED HEAVY OIL CATALYTIC CRACKING CATALYST AND PREPARATION METHOD THEREFOR**
[54] **CATALYSEUR DE CRAQUAGE CATALYTIQUE DE PETROLE LOURD AYANT RECU DE LA LUMIERE INTENSE ET SON PROCEDE DE PREPARATION**
[72] GAO, XIONGHOU, CN
[72] ZHANG, HAITAO, CN
[72] DUAN, HONGCHANG, CN
[72] LI, DI, CN
[72] LI, XUELI, CN
[72] TAN, ZHENGGUO, CN
[72] HUANG, XIAOLIANG, CN
[72] CAI, JINJUN, CN
[72] ZHENG, YUNFENG, CN
[72] ZHANG, CHENXI, CN
[72] CAO, GENGZHEN, CN
[73] PETROCHINA COMPANY LIMITED, CN
[73] GAO, XIONGHOU, ZZ
[73] ZHANG, HAITAO, ZZ
[73] DUAN, HONGCHANG, ZZ
[73] LI, DI, ZZ
[73] LI, XUELI, ZZ
[73] TAN, ZHENGGUO, ZZ
[73] HUANG, XIAOLIANG, ZZ
[73] CAI, JINJUN, ZZ
[73] ZHENG, YUNFENG, ZZ
[73] ZHANG, CHENXI, ZZ
[73] CAO, GENGZHEN, ZZ
[85] 2014-07-22
[86] 2012-04-13 (PCT/CN2012/000507)
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[13] A1
[51] **Int.Cl. A61M 5/142 (2006.01) A61M 5/168 (2006.01) A61M 5/36 (2006.01)**
[25] EN
[54] **PRESSURE SENSING ASSEMBLY FOR AN INFUSION PUMP**
[54] **ENSEMBLE DE DETECTION DE PRESSION POUR POMPE A PERFUSION**
[72] BIVANS, MATTHEW, US
[72] CORWIN, KENNETH, US
[72] LINDKE, TROY P., US
[72] HUNGERFORD, MICHAEL, US
[72] OFSLAGER, SCOTT C., US
[72] MAINE, JASON, US
[73] BAXTER HEALTHCARE S.A., CH
[73] BIVANS, MATTHEW, ZZ
[73] CORWIN, KENNETH, ZZ
[73] LINDKE, TROY P., ZZ
[73] HUNGERFORD, MICHAEL, ZZ
[73] OFSLAGER, SCOTT C., ZZ
[73] MAINE, JASON, ZZ
[73] BAXTER INTERNATIONAL INC, US
[85] 2014-07-25
[86] 2012-09-10 (PCT/US2012/054460)
[87] (WO2013/115852)
[30] US (13/364,007) 2012-02-01

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[51] **Int.Cl. A61F 2/915 (2013.01) A61F 2/848 (2013.01) A61F 2/95 (2013.01) A61F 2/82 (2013.01)**
[25] EN
[54] **ENDOLUMINAL DEVICE AND METHOD**
[54] **DISPOSITIF ENDOLUMINAL ET PROCEDE ASSOCIE**
[72] GIASOLLI, ROBERT M., US
[72] SCHNEIDER, PETER, US
[73] INTACT VASCULAR, INC., US
[73] GIASOLLI, ROBERT M., ZZ
[73] SCHNEIDER, PETER, ZZ
[85] 2014-07-25
[86] 2013-01-24 (PCT/US2013/023030)
[87] (WO2013/112768)
[30] US (61/590,775) 2012-01-25

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[13] A1
[51] **Int.Cl. H04N 19/86 (2014.01) H04N 19/117 (2014.01) H04N 19/174 (2014.01) H04N 19/46 (2014.01) H04N 19/70 (2014.01)**
[25] EN
[54] **SIGNALING OF DEBLOCKING FILTER PARAMETERS IN VIDEO CODING**
[54] **SIGNALISATION DE PARAMETRES DE FILTRE DE DEBLOCAGE DANS LE CODAGE VIDEO**
[72] VAN DER AUWERA, GEERT, US
[72] WANG, YE-KUI, US
[72] KARCZEWICZ, MARTA, US
[73] QUALCOMM INCORPORATED, US
[73] VAN DER AUWERA, GEERT, ZZ
[73] WANG, YE-KUI, ZZ
[73] KARCZEWICZ, MARTA, ZZ
[85] 2014-07-08
[86] 2013-01-18 (PCT/US2013/022230)
[87] (WO2013/109946)
[30] US (61/588,454) 2012-01-19
[30] US (61/593,015) 2012-01-31
[30] US (61/620,339) 2012-04-04
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[13] A1
[51] **Int.Cl. G01N 27/02 (2006.01) C12M 1/34 (2006.01) C12Q 1/00 (2006.01) G01N 27/06 (2006.01)**
[25] EN
[54] **IMPEDANCE-BASED BACTERIAL DETECTION SYSTEM**
[54] **SYSTEME DE DETECTION BACTERIENNE BASE SUR L'IMPEDANCE**
[72] BERNDT, KLAUS W. (DECEASED), US
[73] BECTON, DICKINSON AND COMPANY, US
[73] BERNDT, KLAUS W. (DECEASED), ZZ
[85] 2014-08-12
[86] 2013-02-14 (PCT/US2013/026138)
[87] (WO2013/123189)
[30] US (61/599,100) 2012-02-15

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[13] A1
[51] **Int.Cl. B60S 1/38 (2006.01)**
[25] EN
[54] **WIPER BLADE**
[54] **BALAI D'ESSUIE-GLACES**
[72] TOLENTINO, VAMBI RAYMUNDO, US
[72] PEERS, ROBERT PETER, US
[73] PYLON MANUFACTURING CORP., US
[73] TOLENTINO, VAMBI RAYMUNDO, ZZ
[73] PEERS, ROBERT PETER, ZZ
[85] 2014-08-21
[86] 2013-02-25 (PCT/US2013/027684)
[87] (WO2013/126907)
[30] US (61/603,222) 2012-02-24
[30] US (13/776,376) 2013-02-25

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[13] A1
[51] **Int.Cl. A63G 31/00 (2006.01) A63G 33/00 (2006.01)**
[25] EN
[54] **INTERACTIVE PLAY CENTER**
[54] **CENTRE DE JEUX INTERACTIF**
[72] BRIGGS, RICK A., US
[72] WESTON, DENISE, US
[72] WESTON, MARK, US
[73] BRIGGS, RICK A., US
[73] WESTON, DENISE, US
[73] WESTON, MARK, US
[86] (2865343)
[87] (2865343)
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[30] US (61/884,876) 2013-09-30

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[51] **Int.Cl. G01N 21/84 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR DETERMINING AN ANALYTE CONCENTRATION IN BLOOD**
[54] **PROCEDE ET DISPOSITIF DE DETERMINATION D'UNE CONCENTRATION D'ANALYTE DANS LE SANG**
[72] BALDUS, SUSANNE, DE
[72] SCHULAT, JOCHEN, DE
[72] TRICK, SEBASTIAN, DE
[73] BALDUS, SUSANNE, ZZ
[73] SCHULAT, JOCHEN, ZZ
[73] TRICK, SEBASTIAN, ZZ
[73] F.HOFFMANN-LA ROCHE AG, CH
[85] 2014-08-27
[86] 2013-04-17 (PCT/EP2013/057999)
[87] (WO2013/156526)
[30] EP (12164805.9) 2012-04-19

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[13] A1
[51] **Int.Cl. G06F 3/048 (2013.01) H04N 21/472 (2011.01) H04N 5/265 (2006.01)**
[25] EN
[54] **APPLICATION DISPLAY METHOD AND TERMINAL**
[54] **PROCEDE ET TERMINAL D'AFFICHAGE D'APPLICATION**
[72] QIU, ZHENGYUAN, CN
[73] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED, CN
[73] QIU, ZHENGYUAN, ZZ
[85] 2014-08-29
[86] 2013-02-21 (PCT/CN2013/071713)
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[30] CN (201210052872.3) 2012-03-02

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[51] **Int.Cl. B65D 3/22 (2006.01) B32B 1/02 (2006.01) B65D 5/18 (2006.01) B65D 65/18 (2006.01) B65D 65/40 (2006.01) B32B 3/28 (2006.01) B32B 29/08 (2006.01)**
[25] EN
[54] **PACKAGING CONSTRUCTION AND METHOD FOR MANUFACTURING SAID PACKAGING CONSTRUCTION**
[54] **STRUCTURE D'EMBALLAGE ET PROCEDE DE FABRICATION DE LADITE STRUCTURE D'EMBALLAGE**
[72] VISTROM, MAGNUS, SE
[72] HAGGLUND, RICKARD, SE
[72] OSTERBERG, FOLKE, SE
[73] SCA FOREST PRODUCTS AB, SE
[73] VISTROM, MAGNUS, ZZ
[73] HAGGLUND, RICKARD, ZZ
[73] OSTERBERG, FOLKE, ZZ
[85] 2014-09-12
[86] 2012-03-22 (PCT/SE2012/050321)
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[13] A1
[51] **Int.Cl. F16F 15/32 (2006.01) F16F 15/34 (2006.01)**
[25] EN
[54] **WHEEL BALANCING WEIGHT AND METHOD OF MANUFACTURE**
[54] **POIDS D'EQUILIBRAGE DE ROUE ET PROCEDE DE FABRICATION**
[72] MCMAHON, CHARLES ROBERT, US
[73] WEGMANN, AUTOMOTIVE USA INC., US
[73] MCMAHON, CHARLES ROBERT, ZZ
[85] 2014-09-22
[86] 2013-03-21 (PCT/US2013/033260)
[87] (WO2013/142664)
[30] US (61/613,862) 2012-03-21

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[13] A1
[51] **Int.Cl. A61G 5/10 (2006.01) A61G 7/10 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR POSITIONING A SEATED PATIENT**
[54] **APPAREIL ET PROCEDE POUR POSITIONNER UN PATIENT ASSIS**
[72] FOWLER, PAUL M., US
[72] GOLDEN, CRAIG S., US
[73] SAGE PRODUCTS, LLC, US
[73] FOWLER, PAUL M., ZZ
[73] GOLDEN, CRAIG S., ZZ
[85] 2014-10-01
[86] 2013-04-12 (PCT/US2013/036448)
[87] (WO2013/155461)
[30] US (13/445,488) 2012-04-12
[30] US (61/794,093) 2013-03-15

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[13] A1
[51] **Int.Cl. H04L 12/24 (2006.01) H04L 9/08 (2006.01) H04L 29/06 (2006.01)**
[25] EN
[54] **TRUSTED COMMUNICATION SESSION AND CONTENT DELIVERY**
[54] **SEANCE DE COMMUNICATION SECURISEE ET DISTRIBUTION DE CONTENU**
[72] MOORE, JONATHAN, US
[73] COMCAST CABLE COMMUNICATIONS, LLC, US
[73] MOORE, JONATHAN, ZZ
[86] (2871188)
[87] (2871188)
[22] 2014-11-14
[30] US (14/079,987) 2013-11-14

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[13] A1
[51] **Int.Cl. G01N 21/84 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR DETECTING AN ANALYTE IN A BODY FLUID**
[54] **PROCEDE ET DISPOSITIF DE DETECTION D'UNE SUBSTANCE A ANALYSER DANS UN FLUIDE CORPOREL**
[72] DICKOPF, KAI, DE
[73] F. HOFFMANN-LA ROCHE AG, CH
[73] DICKOPF, KAI, ZZ
[85] 2014-10-30
[86] 2013-06-17 (PCT/EP2013/062499)
[87] (WO2013/189880)
[30] EP (12173121.0) 2012-06-22

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[13] A1
[51] Int.Cl. C07D 495/04 (2006.01) A61K 31/519 (2006.01) A61P 35/00 (2006.01) A61P 37/06 (2006.01)
[25] EN
[54] THIENOPYRIMIDINE DERIVATIVES, PROCESS FOR THEIR PREPARATION, PHARMACEUTICAL COMPOSITIONS CONTAINING THEM AND THEIR USE IN THE TREATMENT OF CONDITIONS INVOLVING A DEFECT IN APOPTOSIS
[54] DERIVES DE THIENOPYRIMIDINE, PROCEDE DE PREPARATION DESDITS DERIVES, COMPOSITIONS PHARMACEUTIQUES EN RENFERMANT ET LEUR UTILISATION POUR LE TRAITEMENT DE TROUBLES ASSOCIES A UNE DEFAILLANCE D'APOPTOSE
[72] KOTSCHY, ANDRAS, HU
[72] SZLAVIK, ZOLTAN, HU
[72] CSEKEI, MARTON, HU
[72] PACZAL, ATTILA, HU
[72] SZABO, ZOLTAN, HU
[72] SIPOS, SZABOLCS, HU
[72] RADICS, GABOR, HU
[72] PROSZENYAK, AGNES, HU
[72] BALINT, BALAZS, HU
[72] BRUNO, ALAIN, FR
[72] GENESTE, OLIVIER, FR
[72] DAVIDSON, JAMES EDWARD PAUL, GB
[72] MURRAY, JAMES BROOKE, GB
[72] CHEN, I-JEN, GB
[72] PERRON-SIERRA, FRANCOISE, FR
[73] LES LABORATOIRES SERVIER, FR
[73] VERNALIS (R&D) LTD, GB
[73] KOTSCHY, ANDRAS, ZZ
[73] SZLAVIK, ZOLTAN, ZZ
[73] CSEKEI, MARTON, ZZ
[73] PACZAL, ATTILA, ZZ
[73] SZABO, ZOLTAN, ZZ
[73] SIPOS, SZABOLCS, ZZ
[73] RADICS, GABOR, ZZ
[73] PROSZENYAK, AGNES, ZZ
[73] BALINT, BALAZS, ZZ
[73] BRUNO, ALAIN, ZZ
[73] GENESTE, OLIVIER, ZZ
[73] DAVIDSON, JAMES EDWARD PAUL, ZZ
[73] MURRAY, JAMES BROOKE, ZZ
[73] CHEN, I-JEN, ZZ
[73] PERRON-SIERRA, FRANCOISE, ZZ
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[87] (2875226)
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[54] DISPOSITIF DE CALIBRATION D'ALCOOL EXPIRE DANS L'AIR A BASE DE CARTOUCHE
[72] ARIAS, MIGUEL, SE
[72] EVANS, NIGEL, GB
[73] ALCO SYSTEMS SWEDEN AB, SE
[73] ARIAS, MIGUEL, ZZ
[73] EVANS, NIGEL, ZZ
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[25] EN
[54] PERIODIC SURVEY SCHEDULING METHOD AND SYSTEM FOR SAFETY INSPECTOR
[54] PROCEDE ET SYSTEME DE PLANIFICATION D'EVALUATIONS PERIODIQUES DESTINES A UN INSPECTEUR DE LA SECURITE
[72] WADA, SHINJI, JP
[72] DEKAMO, SHINGO, JP
[73] NIPPON GAS CO., LTD., JP
[73] WADA, SHINJI, ZZ
[73] DEKAMO, SHINGO, ZZ
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[25] EN
[54] METHOD AND SYSTEM FOR PROCESSING READY-TO-EAT BACON WITH PAN FRIED BACON CHARACTERISTICS
[54] PROCEDE ET SYSTEME DE TRANSFORMATION DE BACON PRET-A-MANGER PRESENTANT DES CARACTERISTIQUES DE BACON POELE
[72] FRITZ, MICHAEL, US
[72] WHITE, ANTHONY, US
[72] PHILLIPS, JEFFREY, US
[72] CATTIN, JAMES, US
[72] BLONG, ROBERT, US
[72] JOHNSON, BRUCE A., US
[73] SMITHFIELD FOODS, INC., US
[73] FRITZ, MICHAEL, ZZ
[73] WHITE, ANTHONY, ZZ
[73] PHILLIPS, JEFFREY, ZZ
[73] CATTIN, JAMES, ZZ
[73] BLONG, ROBERT, ZZ
[73] JOHNSON, BRUCE A., ZZ
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[25] EN
[54] METHOD AND DEVICE FOR PUSHING MEDIA INFORMATION IN REAL TIME
[54] PROCEDE ET DISPOSITIF PERMETTANT DE TRANSMETTRE DES INFORMATIONS MULTIMEDIAS EN TEMPS REEL
[72] WANG, DEWEN, CN
[73] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED, CN
[73] WANG, DEWEN, ZZ
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[25] EN
[54] **OCCLUSION DEVICE FOR AN ATRIAL APPENDAGE**
[54] **DISPOSITIF D'OCCLUSION POUR UN APPENDICE AURICULAIRE**
[72] PEIFFER, DENNIS A., US
[72] TISCHLER, BRIAN JOSEPH, US
[72] LEY, TIMOTHY J., US
[72] CLARK, CHRISTOPHER J., US
[72] CHAU, THYNA M., US
[73] BOSTON SCIENTIFIC SCIMED, INC., US
[73] PEIFFER, DENNIS A., ZZ
[73] TISCHLER, BRIAN JOSEPH, ZZ
[73] LEY, TIMOTHY J., ZZ
[73] CLARK, CHRISTOPHER J., ZZ
[73] CHAU, THYNA M., ZZ
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[25] EN
[54] **CARTON WITH DISPENSER**
[54] **CARTON COMPORTANT UN DISTRIBUTEUR**
[72] ALEXANDER, O'NEAL, US
[72] AHERN, DANIEL, US
[72] GOMES, JEAN-MANUEL, US
[73] GRAPHIC PACKAGING INTERNATIONAL, INC., US
[73] ALEXANDER, O'NEAL, ZZ
[73] AHERN, DANIEL, ZZ
[73] GOMES, JEAN-MANUEL, ZZ
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[25] EN
[54] **CHIMPANZEE ADENOVIRUS VACCINE CARRIERS**
[54] **PORTEURS DE VACCIN ADENOVIRAL DE CHIMPANZE**
[72] CIRILLO, AGOSTINO, IT
[72] COLLOCA, STEFANO, IT
[72] ERCOLE, BRUNO BRUNI, IT
[72] MEOLA, ANNALISA, IT
[72] NICOSIA, ALFREDO, IT
[72] SPORENO, ELISABETTA (DECEASED), IT
[73] CIRILLO, AGOSTINO, ZZ
[73] COLLOCA, STEFANO, ZZ
[73] ERCOLE, BRUNO BRUNI, ZZ
[73] MEOLA, ANNALISA, ZZ
[73] NICOSIA, ALFREDO, ZZ
[73] SPORENO, ELISABETTA (DECEASED), ZZ
[73] MSD ITALIA S.R.L., IT
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[87] (2880060)
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[54] **CHIMPANZEE ADENOVIRUS VACCINE CARRIERS**
[54] **PORTEURS DE VACCIN ADENOVIRAL DE CHIMPANZE**
[72] CIRILLO, AGOSTINO, IT
[72] COLLOCA, STEFANO, IT
[72] ERCOLE, BRUNO BRUNI, IT
[72] MEOLA, ANNALISA, IT
[72] NICOSIA, ALFREDO, IT
[72] SPORENO, ELISABETTA (DECEASED), IT
[73] CIRILLO, AGOSTINO, ZZ
[73] COLLOCA, STEFANO, ZZ
[73] ERCOLE, BRUNO BRUNI, ZZ
[73] MEOLA, ANNALISA, ZZ
[73] NICOSIA, ALFREDO, ZZ
[73] SPORENO, ELISABETTA (DECEASED), ZZ
[73] MSD ITALIA S.R.L., IT
[86] (2880061)
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[25] EN
[54] **A METHOD FOR PREPARING OXYCODONE**
[54] **PROCEDE DE PREPARATION D'OXYCODONE**
[72] ARCHER, NICOLAS, GB
[72] YOUNG, MAUREEN, GB
[72] DAVIES, TIMOTHY, GB
[72] PRICE, AMY, GB
[72] BEASE, MICHAEL, GB
[72] JAMIESON, BARBARA, GB
[72] GRANT, EWART, US
[72] HEINRICH, BRIAN, US
[72] MATHARU, SAROOP, US
[73] JOHNSON MATTHEY PUBLIC LIMITED COMPANY, GB
[73] ARCHER, NICOLAS, ZZ
[73] YOUNG, MAUREEN, ZZ
[73] DAVIES, TIMOTHY, ZZ
[73] PRICE, AMY, ZZ
[73] BEASE, MICHAEL, ZZ
[73] JAMIESON, BARBARA, ZZ
[73] GRANT, EWART, ZZ
[73] HEINRICH, BRIAN, ZZ
[73] MATHARU, SAROOP, ZZ
[85] 2015-01-28
[86] 2013-08-02 (PCT/US2013/053338)
[87] (WO2014/022733)
[30] GB (1213874.9) 2012-08-03
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[25] EN
[54] **AUTOMOTIVE MILLING MACHINE, AS WELL AS METHOD FOR UNLOADING MILLED MATERIAL**
[54] **FRAISEUSE AUTOMOTRICE ET PROCEDE DE DEVERSEMENT DE FRAISAT**
[72] BERNING, CHRISTIAN, DE
[72] FRANZMANN, DIRK, DE
[72] MONTERMANN, ARMIN, DE
[72] BARIMANI, CYRUS, DE
[72] HAHN, GUNTER, DE
[73] WIRTGEN GMBH, DE
[73] BERNING, CHRISTIAN, ZZ
[73] FRANZMANN, DIRK, ZZ
[73] MONTERMANN, ARMIN, ZZ
[73] BARIMANI, CYRUS, ZZ
[73] HAHN, GUNTER, ZZ
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[25] EN
[54] **JUMP LINER FOR PUSH-PULL MIG TORCH WITH AN ELONGATED BODY MADE OF FLEXIBLE PLASTIC MATERIAL : PUSH-PULL MIG TORCH WITH SUCH LINER**
[54] **CHEMISAGE D'EJECTION POUR CHALUMEAU METAL-GAZ INERTE A POUSSEE-TRACTION**
[72] COSSETTE, ROMEO N., US
[72] MA, TIEJUN, US
[72] BONDY, CRAIG M., US
[72] ARCAND, JEFFERY K., US
[72] GARVEY, PAUL W., US
[72] ROEHL, CHRIS, US
[73] ILLINOIS TOOL WORKS, INC., US
[73] COSSETTE, ROMEO N., ZZ
[73] MA, TIEJUN, ZZ
[73] BONDY, CRAIG M., ZZ
[73] ARCAND, JEFFERY K., ZZ
[73] GARVEY, PAUL W., ZZ
[73] ROEHL, CHRIS, ZZ
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[25] EN
[54] **STRAPPED WINDSHIELD ASSEMBLY FOR ROTORCRAFT**
[54] **PARE-BRISE DE GIRAVION FIXE PAR BANDE**
[72] SUMNER, WILLIAM, US
[72] REED, TIM, US
[72] ROWE, CHRIS, US
[72] LEE, LAWRENCE, US
[72] RIVERS, GLEN, US
[72] HARMON, ROBERT, US
[72] SCHADLER, JEREMY, US
[72] NEAL, LEWIS, US
[73] BELL HELICOPTER TEXTRON INC., US
[73] SUMNER, WILLIAM, ZZ
[73] REED, TIM, ZZ
[73] ROWE, CHRIS, ZZ
[73] LEE, LAWRENCE, ZZ
[73] RIVERS, GLEN, ZZ
[73] HARMON, ROBERT, ZZ
[73] SCHADLER, JEREMY, ZZ
[73] NEAL, LEWIS, ZZ
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[51] **Int.Cl. E21B 17/01 (2006.01) B23Q 3/14 (2006.01)**
[25] EN
[54] **INSULATIVE COATING PROCESSES FOR ELECTROMAGNETIC TELEMETRY MANDRELS**
[54] **PROCESSUS DE REVETEMENT ISOLANT POUR MANDRINS DE TELEMETRIE ELECTROMAGNETIQUE**
[72] CARTER, DANIEL PATRICK, US
[72] HENDRICKS, WILL EDGAR, US
[72] ONYA, CHUKA BENJAMIN, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[73] CARTER, DANIEL PATRICK, ZZ
[73] HENDRICKS, WILL EDGAR, ZZ
[73] ONYA, CHUKA BENJAMIN, ZZ
[85] 2015-02-24
[86] 2013-09-30 (PCT/US2013/062630)
[87] (WO2014/055412)
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[51] **Int.Cl. H04W 12/08 (2009.01) H04W 4/16 (2009.01) H04W 8/04 (2009.01) H04W 8/26 (2009.01)**
[25] EN
[54] **ESTABLISHING AN ASSOCIATION BETWEEN A MOBILE DEVICE AND AN APPLICATION**
[54] **ETABLISSEMENT D'UNE ASSOCIATION ENTRE UN DISPOSITIF MOBILE ET UNE APPLICATION**
[72] BARKAN, ELAD PINHAS, IL
[73] BARKAN, ELAD PINHAS, IL
[85] 2015-02-25
[86] 2013-08-26 (PCT/IB2013/002338)
[87] (WO2014/033537)
[30] US (61/693,316) 2012-08-26
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[25] EN
[54] **PARTING PORTION STRUCTURE FOR VEHICLE**
[54] **STRUCTURE DE SECTION DE BORDURE D'UN VEHICULE**
[72] IWANO, YOSHIHIRO, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[73] IWANO, YOSHIHIRO, ZZ
[85] 2015-02-27
[86] 2013-09-24 (PCT/JP2013/075736)
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[25] EN
[54] **COMPOSITIONS AND ARTICLES HAVING A PARENT FRAGRANCE AND MICROCAPSULES ENCAPSULATING A NON-PARENT FRAGRANCE**
[54] **COMPOSITIONS ET ARTICLES PRESENTANT UNE FRAGRANCE MERE ET DES MICROCAPSULES ENCAPSULANT UNE AUTRE FRAGRANCE NON MERE**
[72] GHOSH, CHANCHAL KUMAR, US
[72] ZIMMERMAN, DEAN ARTHUR, US
[72] LI, JIANJUN JUSTIN, US
[72] DIHORA, JITEN ODHAVJI, US
[72] CETTI, JONATHAN ROBERT, US
[72] WITT, STEVEN EDWARD, US
[72] HUTCHINS, VIRGINIA TZUNG-HWEI, US
[72] FLICKINGER, MARC ADAM, US
[72] LABITZKE, KEVIN MAX, US
[72] DUBOIS, ZERLINA GUZDAR, US
[73] THE PROCTER & GAMBLE COMPANY, US
[73] GHOSH, CHANCHAL KUMAR, ZZ
[73] ZIMMERMAN, DEAN ARTHUR, ZZ
[73] LI, JIANJUN JUSTIN, ZZ
[73] DIHORA, JITEN ODHAVJI, ZZ
[73] CETTI, JONATHAN ROBERT, ZZ
[73] WITT, STEVEN EDWARD, ZZ
[73] HUTCHINS, VIRGINIA TZUNG-HWEI, ZZ
[73] FLICKINGER, MARC ADAM, ZZ
[73] LABITZKE, KEVIN MAX, ZZ
[73] DUBOIS, ZERLINA GUZDAR, ZZ
[85] 2015-03-12
[86] 2013-09-20 (PCT/US2013/061030)
[87] (WO2014/047507)
[30] US (61/703,587) 2012-09-20
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[51] **Int.Cl. F01N 5/02 (2006.01)**
[25] EN
[54] **EXHAUST GAS HEAT RECOVERY APPARATUS**
[54] **APPAREIL DE RECUPERATION DE CHALEUR DE GAZ D'ECHAPPEMENT**
[72] ISHIHATA, TAKATO, JP
[72] MURATA, TOSHIO, JP
[72] HIRATA, YUICHIROU, JP
[72] MATSUDA, YUKIHISA, JP
[72] NAKAGAWA, TADASHI, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[73] ISHIHATA, TAKATO, ZZ
[73] MURATA, TOSHIO, ZZ
[73] HIRATA, YUICHIROU, ZZ
[73] MATSUDA, YUKIHISA, ZZ
[73] NAKAGAWA, TADASHI, ZZ
[86] (2885336)
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[51] **Int.Cl. E21B 43/295 (2006.01) E21B 43/12 (2006.01) E21B 43/34 (2006.01)**
[25] EN
[54] **INTEGRATED LIQUID-TO-GAS ARTIFICIAL LIFT AND BITUMEN DILUTION METHODS AND SYSTEMS**
[54] **PROCEDES ET SYSTEMES INTEGRES D'ASCENSION ARTIFICIELLES LIQUIDE-A-GAZ ET DE DILUTION DU BITUME**
[72] LEONARDI, SERGIO A., US
[72] TROSHKO, ANDREY A., US
[72] YALE, DAVID P., US
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[73] LEONARDI, SERGIO A., ZZ
[73] TROSHKO, ANDREY A., ZZ
[73] YALE, DAVID P., ZZ
[85] 2015-03-26
[86] 2013-09-13 (PCT/US2013/059734)
[87] (WO2014/077947)
[30] US (61/727,493) 2012-11-16

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[51] **Int.Cl. B01J 19/32 (2006.01) B67D 7/74 (2010.01) C02F 1/00 (2006.01) C02F 1/46 (2006.01) B01F 15/02 (2006.01)**
[25] EN
[54] **DEVICES AND METHODS FOR STORING, PROCESSING, AND DELIVERING A PROCESSED LIQUID**
[54] **DISPOSITIFS ET PROCEDES POUR STOCKER, TRAITER ET DISTRIBUER UN LIQUIDE TRAITE**
[72] JHA, ANIL D., US
[72] MEHMI, RAMANDEEP, US
[72] RUSH, BENJAMIN, US
[73] HYDRONOVATION, INC., US
[73] JHA, ANIL D., ZZ
[73] MEHMI, RAMANDEEP, ZZ
[73] RUSH, BENJAMIN, ZZ
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[30] US (61/707,598) 2012-09-28

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[51] **Int.Cl. H04W 72/00 (2009.01)**
[25] EN
[54] **CONTROL INFORMATION SENDING METHOD, RECEIVING METHOD, AND DEVICE**
[54] **PROCEDE D'ENVOI D'INFORMATIONS DE COMMANDE, PROCEDE DE RECEPTION ET APPAREIL**
[72] GUAN, LEI, CN
[72] XUE, LIXIA, CN
[72] ZHOU, YONGXING, CN
[73] GUAN, LEI, ZZ
[73] XUE, LIXIA, ZZ
[73] ZHOU, YONGXING, ZZ
[73] HUAWEI TECHNOLOGIES CO., LTD., CN
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[87] (WO2014/048076)
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[51] **Int.Cl. B23K 35/36 (2006.01) B23K 35/02 (2006.01) B23K 35/40 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR WELDING ELECTRODES**
[54] **SYSTEMES ET PROCEDES POUR ELECTRODES DE SOUDURE**
[72] BARHORST, STEVEN, US
[72] AMATA, MARIO, US
[72] PAGANO, KEVIN, US
[73] HOBART BROTHERS COMPANY, US
[73] BARHORST, STEVEN, ZZ
[73] AMATA, MARIO, ZZ
[73] PAGANO, KEVIN, ZZ
[85] 2015-04-13
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[51] **Int.Cl. B29C 70/46 (2006.01) A41C 3/00 (2006.01) A41C 5/00 (2006.01)**
[25] EN
[54] **METHOD FOR MOLDING LOFTED MATERIAL WITH LAMINATED SUPPORT LAYER AND GARMENT MADE**
[54] **PROCEDE DE MOULAGE D'UN MATERIAU PRESENTANT DU GONFLANT A COUCHE SUPPORT LAMINEE, ET ARTICLE DE VETEMENT RESULTANT**
[72] WOOD, THOMAS S., US
[72] WARREN, ROGER D., US
[72] FALLA, GLORIA, US
[73] WOOD, THOMAS S., ZZ
[73] WARREN, ROGER D., ZZ
[73] FALLA, GLORIA, ZZ
[73] HBI BRANDED APPAREL ENTERPRISES, LLC, US
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[22] 2006-06-13
[62] 2,612,099
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[51] **Int.Cl. G01P 5/14 (2006.01) B64D 43/02 (2006.01)**
[25] FR
[54] **ROTORCRAFT EQUIPPED WITH AN ANEMOMETER PLACED AT THE PEAK OF A REAR STABILIZER ON THE ROTORCRAFT**
[54] **GIRAVION EQUIPE D'UN ANEMOMETRE PLACE AU SOMMET D'UNE DERIVE ARRIERE DU GIRAVION**
[72] CERTAIN, NICOLAS, FR
[72] DELECROIX, OLIVIER, FR
[73] AIRBUS HELICOPTERS, FR
[73] CERTAIN, NICOLAS, ZZ
[73] DELECROIX, OLIVIER, ZZ
[86] (2889327)
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[22] 2015-04-24
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[51] **Int.Cl. C09D 189/00 (2006.01) A61K 8/64 (2006.01) A61Q 19/00 (2006.01) B05D 5/00 (2006.01) A41D 19/00 (2006.01)**
[25] EN
[54] **ULTRASONIC OSCILLATION-INDUCED SERICIN EXTRACTION METHOD AND PROCESS FOR COATING SERICIN IN A GLOVE**
[54] **PROCEDE D'EXTRACTION DE SERICINE INDUITE PAR OSCILLATION ULTRASONIQUE ET PROCEDE DE POSE D'UN REVETEMENT DE SERICINE SUR UN GANT**
[72] HASEGAWA, TSUKASA, JP
[73] BEST-KOBO, CO., LTD., JP
[73] HASEGAWA, TSUKASA, ZZ
[86] (2889874)
[87] (2889874)
[22] 2015-04-30
[30] US (14/517898) 2014-10-19

[11] 2,890,461
[13] A1
[51] **Int.Cl. C09K 8/035 (2006.01) C09K 8/54 (2006.01) E21B 43/22 (2006.01)**
[25] EN
[54] **HYDROPHOBICALLY MODIFIED AMINE-CONTAINING POLYMERS FOR MITIGATING SCALE BUILDUP**
[54] **POLYMERES CONTENANT UNE AMINE A MODIFICATIONS HYDROPHOBES POUR ATTENUER L'ACCUMULATION DE DEPOTS**
[72] LIANG, FENG, US
[72] NGUYEN, PHILIP D., US
[72] GREEN, TANNER W., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[73] LIANG, FENG, ZZ
[73] NGUYEN, PHILIP D., ZZ
[73] GREEN, TANNER W., ZZ
[85] 2015-05-05
[86] 2014-01-08 (PCT/US2014/010643)
[87] (WO2014/110110)
[30] US (61/750,077) 2013-01-08
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[13] A1
[51] **Int.Cl. C12N 1/20 (2006.01) A61K 35/741 (2015.01) A61K 35/747 (2015.01) A61P 1/00 (2006.01) C12Q 1/04 (2006.01)**
[25] EN
[54] **PROBIOTIC STRAINS ISOLATED FROM DOGS FOR USE IN DOG FOOD, TREATS AND/OR SUPPLEMENTS**
[54] **SOUCHES PROBIOTIQUES ISOLEES DES CHIENS DESTINEES A L'ALIMENTATION, AUX FRIANDISES OU AUX SUPPLEMENTS POUR CHIEN**
[72] BLAINE, ALYSSON HEATHER, CA
[72] CARLSON, DENISE RACHEL, CA
[72] MIYATA-KANE, SARAH TAMIKO, CA
[72] STILES, MICHAEL EDGECOMBE, CA
[73] BLAINE, ALYSSON HEATHER, CA
[73] CARLSON, DENISE RACHEL, CA
[73] MIYATA-KANE, SARAH TAMIKO, CA
[73] STILES, MICHAEL EDGECOMBE, CA
[73] CANBIOCIN INC., CA
[86] (2890965)
[87] (2890965)
[22] 2015-05-08
[30] US (61/990,534) 2014-05-08

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[13] A1
[51] **Int.Cl. F01N 3/18 (2006.01) F01N 3/26 (2006.01)**
[25] EN
[54] **METHOD OF STARTING UP A THERMOREACTOR**
[54] **METHODE DE DEMARRAGE D'UN THERMOREACTEUR**
[72] FUCHS, JOCHEN, AT
[72] HILLEN, FRIEDHELM, AT
[73] GE JENBACHER GMBH & CO OG, AT
[73] FUCHS, JOCHEN, ZZ
[73] HILLEN, FRIEDHELM, ZZ
[86] (2892098)
[87] (2892098)
[22] 2015-05-19
[30] AT (A 376/2014) 2014-05-20

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[13] A1
[51] **Int.Cl. E04B 5/00 (2006.01) E04B 5/02 (2006.01) E04F 15/00 (2006.01)**
[25] EN
[54] **SYSTEM, METHOD AND APPARATUS FOR ATTIC RAFTER EXTENSION FOR STORAGE**
[54] **SYSTEME, METHODE ET APPAREIL DE PROLONGEMENT DE CHEVRON DE GRENIER A DES FINS DE RANGEMENT**
[72] BRANDT, ANDREW CLYDE, US
[72] PACANA, DAVID M., US
[72] LEMBO, MICHAEL, US
[73] CERTAINTEED CORPORATION, US
[73] BRANDT, ANDREW CLYDE, ZZ
[73] PACANA, DAVID M., ZZ
[73] LEMBO, MICHAEL, ZZ
[86] (2892316)
[87] (2892316)
[22] 2015-05-20
[30] US (62/001,903) 2014-05-22

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[13] A1
[51] **Int.Cl. A61J 7/04 (2006.01) A61J 1/03 (2006.01) B65D 51/24 (2006.01)**
[25] EN
[54] **PILL BOTTLE LID INCORPORATING AUDIBLE MESSAGING DEVICE, AND PAIRING THEREOF WITH EXTERNAL DEVICES FOR DOSAGE REMINDER AND CONFLICT CHECKING PURPOSES**
[54] **COUVERCLE DE CONTENANT DE PILULES INTEGRANT UN DISPOSITIF DE MESSAGERIE AUDIBLE, ET PAIRAGE DUDIT COUVERCLE AVEC DES DISPOSITIFS EXTERNES DESTINES A RAPPELER LE MOMENT DE LA PRISEDE LA DOSE ET VERIFIER L'OCCURRENCE DE CONFLITS**
[72] MIKHAIL, TAMER S. M., CA
[73] MIKHAIL, TAMER S. M., CA
[86] (2894125)
[87] (2894125)
[22] 2015-06-11
[30] US (62/010,537) 2014-06-11

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[13] A1
[51] **Int.Cl. E21B 47/092 (2012.01) E21B 43/16 (2006.01)**
[25] EN
[54] **APPARATUS AND METHODS FOR WELL-BORE PROXIMITY MEASUREMENT WHILE DRILLING**
[54] **APPAREIL ET PROCEDES DE MESURE DE LA PROXIMITE DE PUITS EN COURS DE FORAGE**
[72] FANG, SHENG, US
[72] REIDERMAN, ARCADY, US
[73] BAKER HUGHES INCORPORATED, US
[73] FANG, SHENG, ZZ
[73] REIDERMAN, ARCADY, ZZ
[85] 2015-06-09
[86] 2013-12-04 (PCT/US2013/073105)
[87] (WO2014/093096)
[30] US (13/713,960) 2012-12-13

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[13] A1
[51] **Int.Cl. E21B 33/12 (2006.01) E21B 33/124 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR ISOLATING AND TREATING DISCRETE ZONES WITHIN A WELLBORE**
[54] **PROCEDE ET APPAREIL POUR ISOLER ET TRAITER DES ZONES DISCRETES A L'INTERIEUR D'UN PUITS DE FORAGE**
[72] INGRAM, GARY D., US
[72] FRIEND, WILLIAM D., JR., US
[72] FAGLEY, WALTER STONE THOMAS, IV, US
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[73] INGRAM, GARY D., ZZ
[73] FRIEND, WILLIAM D., JR., ZZ
[73] FAGLEY, WALTER STONE THOMAS, IV, ZZ
[86] (2895734)
[87] (2895734)
[22] 2011-10-14
[62] 2,814,239
[30] US (61/393,748) 2010-10-15

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[13] A1
[51] **Int.Cl. E06B 7/14 (2006.01) E02D 31/02 (2006.01)**
[25] EN
[54] **WINDOW WELL DRAINAGE SYSTEM FOR DRAINING SURFACE WATER RUNOFF AND METHOD FOR PERFORMING THE SAME**
[54] **SYSTEME DE DRAINAGE POUR MUR D'ENCADREMENT POUR SOUPIRAIL PERMETTANT LE DRAINAGE DES EAUX DE RUISSELLEMENT DE SURFACE ET PROCEDE D'EXECUTION DE CELUI-CI**
[72] QUIRION, JACQUES, CA
[73] GESTION JACQUES QUIRION INC., CA
[73] QUIRION, JACQUES, CA
[86] (2895889)
[87] (2895889)
[22] 2015-06-26
[30] US (62/017,572) 2014-06-26

[11] **2,896,307**
[13] A1
[51] **Int.Cl. H04W 4/12 (2009.01) H04W 28/06 (2009.01) H04W 88/18 (2009.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR FORWARDING MULTIMEDIA MESSAGE**
[54] **PROCEDE ET DISPOSITIF POUR LE REACHEMINEMENT D'UN MESSAGE MULTIMEDIA**
[72] LI, YUN, CN
[73] ZTE CORPORATION, CN
[73] LI, YUN, ZZ
[85] 2015-06-25
[86] 2013-08-14 (PCT/CN2013/081482)
[87] (WO2013/189335)
[30] CN (201210579540.0) 2012-12-27

[11] **2,896,616**
[13] A1
[51] **Int.Cl. C12Q 1/686 (2018.01) C12Q 1/68 (2018.01)**
[25] EN
[54] **IMPROVED CALIBRATION OF HIGH RESOLUTION MELTING**
[54] **ETALONNAGE AMELIORE DE FUSION A HAUTE RESOLUTION**
[72] REISER, ASTRID, DE
[72] SAGNER, GREGOR, DE
[73] F. HOFFMANN-LA ROCHE AG, CH
[73] REISER, ASTRID, ZZ
[73] SAGNER, GREGOR, ZZ
[85] 2015-06-11
[86] 2014-01-08 (PCT/EP2014/050243)
[87] (WO2014/108446)
[30] EP (13150790.7) 2013-01-10

[11] **2,897,146**
[13] A1
[51] **Int.Cl. C04B 35/043 (2006.01)**
[25] EN
[54] **MAGNESIA CARBON BRICK**
[54] **BRIQUE EN MAGNESIE-CARBONE**
[72] TANAKA, MASATO, JP
[72] SHIOHAMA, MICHIHARU, JP
[72] MATSUO, YOSHINORI, JP
[72] YOSHITOMI, JOUKI, JP
[73] KROSAKIHARIMA CORPORATION, JP
[73] TANAKA, MASATO, ZZ
[73] SHIOHAMA, MICHIHARU, ZZ
[73] MATSUO, YOSHINORI, ZZ
[73] YOSHITOMI, JOUKI, ZZ
[85] 2015-07-03
[86] 2014-01-15 (PCT/JP2014/050491)
[87] (WO2014/112493)
[30] JP (2013-005609) 2013-01-16
[30] JP (2013-044450) 2013-03-06

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[13] A1
[51] **Int.Cl. A41D 13/015 (2006.01) A41D 13/05 (2006.01) A63B 71/10 (2006.01)**
[25] EN
[54] **METHODS AND DEVICES TO REDUCE THE LIKELIHOOD OF INJURY FROM CONCUSSIVE OR BLAST FORCES**
[54] **METHODS AND DEVICES TO REDUCE THE LIKELIHOOD OF INJURY FROM CONCUSSIVE OR BLAST FORCES**
[72] SMITH, DAVID, US
[72] VITITOE, KEVIN JOHN, US
[72] FLOAT, JAMISON JOSEPH, US
[72] LEEDER, CHAD MICHAEL, US
[73] TBI INNOVATIONS, LLC, US
[73] SMITH, DAVID, ZZ
[73] VITITOE, KEVIN JOHN, ZZ
[73] FLOAT, JAMISON JOSEPH, ZZ
[73] LEEDER, CHAD MICHAEL, ZZ
[86] (2897410)
[87] (2897410)
[22] 2013-04-12
[62] 2,812,131
[30] US (13/841,195) 2013-03-15

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[13] A1
[51] **Int.Cl. H04N 19/136 (2014.01)**
[25] EN
[54] **ENCODING AND DECODING USING CONSTRAINT INFORMATION FOR ARRANGEMENT OF SAMPLES OF A PICTURE FROM A VIDEO DATA STREAM**
[54] **CODAGE ET DECODAGE AU MOYEN D'UNE INFORMATION DE CONTRAINTE DESTINES A L'ARRANGEMENT D'ECHANTILLONS D'UNE IMAGE PROVENANT D'UN FLUX DE DONNEES VIDEO**
[72] CHOI, JEONG-YONG, KR
[72] PARK, PIL-KYU, KR
[72] CHOI, KWANG-PYO, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
[73] CHOI, JEONG-YONG, ZZ
[73] PARK, PIL-KYU, ZZ
[73] CHOI, KWANG-PYO, ZZ
[85] 2015-07-08
[86] 2014-01-17 (PCT/KR2014/000523)
[87] (WO2014/112830)
[30] US (61/753,610) 2013-01-17

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[13] A1
[51] **Int.Cl. C12N 15/115 (2010.01) A61K 31/7088 (2006.01) A61P 9/00 (2006.01) A61P 37/06 (2006.01) C07H 21/00 (2006.01)**
[25] EN
[54] **APTAMER THERAPEUTICS USEFUL IN THE TREATMENT OF COMPLEMENT-RELATED DISORDERS**
[54] **AGENTS THERAPEUTIQUES A BASE D'APTAMERES UTILES DANS LE TRAITEMENT DE TROUBLES LIES AU COMPLEMENT**
[72] BENEDICT, CLAUDE, US
[72] EPSTEIN, DAVID, US
[72] WILSON, CHARLES, US
[72] GRATE, DILARA, US
[72] KURZ, JEFFREY, US
[72] KURZ, MARKUS, US
[72] MCCAULEY, THOMAS GREEN, US
[72] ROTTMAN, JAMES, US
[73] ARCHEMIX LLC, US
[73] BENEDICT, CLAUDE, ZZ
[73] EPSTEIN, DAVID, ZZ
[73] WILSON, CHARLES, ZZ
[73] GRATE, DILARA, ZZ
[73] KURZ, JEFFREY, ZZ
[73] KURZ, MARKUS, ZZ
[73] MCCAULEY, THOMAS GREEN, ZZ
[73] ROTTMAN, JAMES, ZZ
[86] (2897900)
[87] (2897900)
[22] 2006-02-14
[62] 2,597,889
[30] US (11/058,134) 2005-02-14

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[13] A1
[51] **Int.Cl. B23Q 16/00 (2006.01) B23Q 3/18 (2006.01)**
[25] EN
[54] **DYNAMICALLY DIRECTED WORKPIECE POSITIONING SYSTEM**
[54] **SYSTEME DE POSITIONNEMENT DE PIECE DE TRAVAIL ORIENTEE DYNAMIQUEMENT**
[72] MIDDLETON, GARYLAND KIRK, US
[72] NORTON, SCOTT ERLING, US
[72] BLOMQUIST, CHRISTOPHER W., US
[73] USNR/KOCKUMS CANCAR COMPANY, US
[73] MIDDLETON, GARYLAND KIRK, ZZ
[73] NORTON, SCOTT ERLING, ZZ
[73] BLOMQUIST, CHRISTOPHER W., ZZ
[86] (2899291)
[87] (2899291)
[22] 2015-07-30
[30] US (62/031,639) 2014-07-31

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[11] **2,899,484**
[13] A1
[51] **Int.Cl. A63B 27/02 (2006.01)**
[25] EN
[54] **GAFF FOR TREE AND POLE CLIMBER**
[54] **GRAPPIN PERMETTANT DE GRIMPER AUX ARBRES OU AUX POTEAUX**
[72] RULLO, JAMES J., US
[72] CANFIELD, DEFOREST, US
[73] BUCKINGHAM MANUFACTURING CO., INC., US
[73] RULLO, JAMES J., ZZ
[73] CANFIELD, DEFOREST, ZZ
[86] (2899484)
[87] (2899484)
[22] 2015-08-04
[30] US (14/460,794) 2014-08-15

[11] **2,899,769**
[13] A1
[51] **Int.Cl. H01G 4/32 (2006.01) H01G 2/08 (2006.01)**
[25] EN
[54] **A METALLIZED FILM CAPACITOR ELEMENT AND A THERMALLY CONDUCTING FILM FOR AN ELECTRICAL POWER COMPONENT**
[54] **ELEMENT DE CONDENSATEUR EN FILM METALLISE COMPRENANT DES FILMS THERMOCONDUCTEURS ET FILM THERMOCONDUCTEUR POUR COMPOSANT A ENERGIE ELECTRIQUE**
[72] PETERSSON, LINNEA, SE
[72] SCHLEGEL, CHRISTOPH, CH
[72] LAIHONEN, SARI, SE
[73] PETERSSON, LINNEA, ZZ
[73] SCHLEGEL, CHRISTOPH, ZZ
[73] LAIHONEN, SARI, ZZ
[73] ABB SCHWEIZ AG, CH
[85] 2015-07-30
[86] 2013-02-01 (PCT/EP2013/052059)
[87] (WO2014/117862)

[11] **2,900,064**
[13] A1
[51] **Int.Cl. C23C 2/00 (2006.01) C21D 1/46 (2006.01) C21D 9/46 (2006.01) C23C 2/02 (2006.01) C23C 2/06 (2006.01)**
[25] EN
[54] **METHOD OF TREATMENT OF A RUNNING FERROUS ALLOY SHEET AND TREATMENT LINE FOR ITS IMPLEMENTATION**
[54] **PROCEDE DE TRAITEMENT D'UNE FEUILLE EN ALLIAGE FERREUX MOBILE ET LIGNE DE TRAITEMENT POUR SA MISE EN □UVRE**
[72] LARNICOL, MAIWENN TIFENN SOAZIG, BE
[72] BORDIGNON, MICHEL ROGER LOUIS, BE
[72] VANDEN EYNDE, XAVIER MARC JACQUES EDMOND ROBERT, BE
[72] FARINHA, ANA ISABEL, BE
[72] GERKENS, PASCAL, BE
[72] NOVILLE, JEAN-FRANCOIS, BE
[72] SMAL, JULIEN CHRISTOPHER MICHEL, BE
[73] ARCELORMITTAL, LU
[73] LARNICOL, MAIWENN TIFENN SOAZIG, ZZ
[73] BORDIGNON, MICHEL ROGER LOUIS, ZZ
[73] VANDEN EYNDE, XAVIER MARC JACQUES EDMOND ROBERT, ZZ
[73] FARINHA, ANA ISABEL, ZZ
[73] GERKENS, PASCAL, ZZ
[73] NOVILLE, JEAN-FRANCOIS, ZZ
[73] SMAL, JULIEN CHRISTOPHER MICHEL, ZZ
[85] 2015-08-03
[86] 2013-02-06 (PCT/IB2013/050987)
[87] (WO2014/122500)

[11] **2,901,082**
[13] A1
[51] **Int.Cl. C10G 1/04 (2006.01) C10C 3/08 (2006.01)**
[25] EN
[54] **RECOVERING DEGRADED BITUMEN FROM TAILINGS**
[54] **RECUPERATION DE BITUME DEGRADE A PARTIR DE RESIDUS**
[72] MENDEZ BALBAS, FREDDY E., CA
[72] OMOTOSO, OLADIPO, CA
[72] GLENDENNING, SEAN PETER SCOTT, CA
[73] SUNCOR ENERGY INC., CA
[73] MENDEZ BALBAS, FREDDY E., CA
[73] OMOTOSO, OLADIPO, CA
[73] GLENDENNING, SEAN PETER SCOTT, CA
[85] 2015-08-12
[86] 2014-03-14 (PCT/CA2014/050260)
[87] (WO2014/139013)
[30] US (61/782,912) 2013-03-14

[11] **2,901,838**
[13] A1
[51] **Int.Cl. B01D 46/00 (2006.01) B01D 53/26 (2006.01)**
[25] EN
[54] **A FILTER FOR SEPARATING LIQUID SUSPENDED PARTICLES FROM A GAS**
[54] **UN FILTRE SERVANT A SEPARER LES PARTICULES EN SUSPENSION DANS UN LIQUIDE ET LE GAZ**
[72] WALL, GUENTHER, AT
[73] GE JENBACHER GMBH & CO OG, AT
[73] WALL, GUENTHER, ZZ
[86] (2901838)
[87] (2901838)
[22] 2015-08-25
[30] AT (A 50646/2014) 2014-09-15

[11] **2,901,842**
[13] A1
[51] **Int.Cl. A23P 30/00 (2016.01) A23L 7/117 (2016.01) A23L 19/18 (2016.01) A21D 8/00 (2006.01)**
[25] EN
[54] **METHOD FOR MAKING A SHAPED SNACK CHIP**
[54] **PROCEDE DE FABRICATION D'UN AMUSE-BOUCHE AYANT UNE FORME**
[72] JOHNSON, TIMOTHY ALLEN, US
[72] RICHEY, SCOTT ALAN, US
[72] RUEGG, RICHARD JAMES, US
[72] SAMBASHIVAN, SIDHARTH, US
[72] WILLIAMS, ROGERS, US
[73] FRITO-LAY NORTH AMERICA, INC., US
[73] JOHNSON, TIMOTHY ALLEN, ZZ
[73] RICHEY, SCOTT ALAN, ZZ
[73] RUEGG, RICHARD JAMES, ZZ
[73] SAMBASHIVAN, SIDHARTH, ZZ
[73] WILLIAMS, ROGERS, ZZ
[85] 2015-08-18
[86] 2014-03-14 (PCT/US2014/028558)
[87] (WO2014/144236)
[30] US (61/791,875) 2013-03-15
[30] US (14/207,196) 2014-03-12

[11] **2,902,800**
[13] A1
[51] **Int.Cl. A61B 17/02 (2006.01)**
[25] EN
[54] **DEVICE PROVIDING ENLARGEMENT & PREVENTING COLLAPSE OF THE PUPIL OF THE EYE**
[54] **DISPOSITIF PERMETTANT LE GROSSISSEMENT ET PREVENANT LA CONSTRICTION DE LA PUPILLE DE L'□IL**
[72] BHATTACHARJEE, SUVEN, IN
[73] MED INVENT DEVICES PRIVATE LIMITED, IN
[85] 2015-08-27
[86] 2013-07-23 (PCT/IN2013/000457)
[87] (WO2014/132264)
[30] IN (225/KOL/2013) 2013-02-27

[11] **2,902,855**
[13] A1
[51] **Int.Cl. G06K 7/10 (2006.01)**
[25] EN
[54] **APPARATUS FOR AND METHOD OF OPTIMIZING TARGET READING PERFORMANCE OF IMAGING READER IN BOTH HANDHELD AND HANDS-FREE MODES OF OPERATION**
[54] **APPAREIL ET PROCEDE PERMETTANT D'OPTIMISER LES PERFORMANCES DE LECTURE DE CIBLE D'UN LECTEUR D'IMAGERIE EN MODE MANUEL ET EN MODE MAINS-LIBRES**
[72] BROCK, CHRISTOPHER W., US
[73] SYMBOL TECHNOLOGIES, LLC, US
[73] BROCK, CHRISTOPHER W., ZZ
[85] 2015-08-27
[86] 2014-02-26 (PCT/US2014/018571)
[87] (WO2014/134123)
[30] US (13/781,812) 2013-03-01

[11] **2,903,557**
[13] A1
[51] **Int.Cl. B42D 15/02 (2006.01)**
[25] EN
[54] **MOTORIZED POP-UP GREETING CARD**
[54] **CARTE DE VOEUX ANIMEE MOTORISEE**
[72] BOGDANSKI, SHARON, US
[72] DECKERD, ANNIE, US
[72] TALBOT, JOHN, US
[73] AMERICAN GREETINGS CORPORATION, US
[73] BOGDANSKI, SHARON, ZZ
[73] DECKERD, ANNIE, ZZ
[73] TALBOT, JOHN, ZZ
[86] (2903557)
[87] (2903557)
[22] 2015-09-08
[30] US (62/048,121) 2014-09-09
[30] US (14/846,855) 2015-09-07

[11] **2,903,664**
[13] A1
[51] **Int.Cl. E02F 9/00 (2006.01) B60N 3/02 (2006.01) B62D 25/00 (2006.01) E02F 9/24 (2006.01)**
[25] EN
[54] **GRAB HANDLE FOR USE WITH AN EARTH-WORKING MACHINE**
[54] **POIGNEE DE SAISIE DESTINEE A UNE MACHINE DE TRAVAIL DU SOL**
[72] MACKINNON, JOHN LESLIE, CA
[72] TYSCHINSKI, TED, CA
[73] SUNCOR ENERGY INC., CA
[73] MACKINNON, JOHN LESLIE, CA
[73] TYSCHINSKI, TED, CA
[86] (2903664)
[87] (2903664)
[22] 2015-08-31

[11] **2,904,417**
[13] A1
[51] **Int.Cl. F21V 29/00 (2015.01)**
[25] EN
[54] **USING METHOD AND APPLICATION OF LIGHT CONDUCTION AND HEAT DISSIPATION LIQUID IN LIQUID-COOLED LED LIGHTING LAMP**
[54] **PROCEDE D'UTILISATION ET APPLICATION DE LIQUIDE DE CONDUCTION DE LUMIERE ET DE DISSIPATION DE CHALEUR DANS UNE LAMPE D'ECLAIRAGE A DEL REFROIDIE PAR UN LIQUIDE**
[72] CHEN, XIRAN, CN
[73] BEIJING UGETLIGHT CO., LTD., CN
[73] CHEN, XIRAN, ZZ
[85] 2015-09-08
[86] 2014-03-06 (PCT/CN2014/072990)
[87] (WO2014/135105)
[30] CN (201310074736.9) 2013-03-08

[11] **2,904,700**
[13] A1
[51] **Int.Cl. A61M 25/00 (2006.01) A61B 90/00 (2016.01) A61B 5/07 (2006.01) A61B 6/12 (2006.01) A61M 25/095 (2006.01)**
[25] EN
[54] **FIDUCIAL MARKER DEPLOYMENT SYSTEM**
[54] **SYSTEME DE DEPLOIEMENT DE MARQUEUR DE REPERE DE CADRE**
[72] LUBINSKI, ALEXANDER A., US
[73] COVIDIEN LP, US
[73] LUBINSKI, ALEXANDER A., ZZ
[86] (2904700)
[87] (2904700)
[22] 2015-09-16
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[51] **Int.Cl. B62B 3/02 (2006.01) B62B 5/00 (2006.01)**
[25] EN
[54] **TOTE TRANSPORT**
[54] **TRANSPORT DE RESERVOIR PORTATIF**
[72] BEAVER, AARON, US
[72] MUENSTERMANN, MICHAEL J., US
[72] ZIEBART, BERNIE, US
[72] OCHOA, ORLANDO, US
[73] SAN JAMAR, INC., US
[73] BEAVER, AARON, ZZ
[73] MUENSTERMANN, MICHAEL J., ZZ
[73] ZIEBART, BERNIE, ZZ
[73] OCHOA, ORLANDO, ZZ
[85] 2015-09-10
[86] 2014-03-13 (PCT/US2014/025396)
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[30] US (13/842,058) 2013-03-15

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[51] **Int.Cl. C07D 405/14 (2006.01) A61K 31/4709 (2006.01) A61P 1/00 (2006.01) A61P 25/00 (2006.01) C07D 401/12 (2006.01)**
[25] EN
[54] **5-AMINO-QUINOLINE-8-CARBOXAMIDE DERIVATIVES AS 5-HT4 RECEPTOR AGONISTS**
[54] **DERIVES 5-AMINO-QUINOLINE-8-CARBOXAMIDES EN TANT QU'AGONISTES DU RECEPTEUR 5-HT4**
[72] NIROGI, RAMAKRISHNA, IN
[72] SHINDE, ANIL KARBHARI, IN
[72] JASTI, VENKATESWARLU, US
[73] SUVEN LIFE SCIENCES LIMITED, IN
[73] NIROGI, RAMAKRISHNA, ZZ
[73] SHINDE, ANIL KARBHARI, ZZ
[73] JASTI, VENKATESWARLU, ZZ
[85] 2015-09-18
[86] 2013-10-18 (PCT/IN2013/000639)
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[30] IN (1199/CHE/2013) 2013-03-20

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[51] **Int.Cl. F25J 3/00 (2006.01)**
[25] EN
[54] **REFRIGERANT RECOVERY IN NATURAL GAS LIQUEFACTION PROCESSES**
[54] **RECUPERATION DE FRIGORIGENE DANS LES PROCEDES DE LIQUEFACTION DE GAZ NATUREL**
[72] JOHNSTON, BRIAN KEITH, US
[72] KRISHNAMURTHY, GOWRI, US
[72] ROBERTS, MARK JULIAN, US
[73] AIR PRODUCTS AND CHEMICALS, INC., US
[73] JOHNSTON, BRIAN KEITH, ZZ
[73] KRISHNAMURTHY, GOWRI, ZZ
[73] ROBERTS, MARK JULIAN, ZZ
[86] (2908328)
[87] (2908328)
[22] 2015-10-07
[30] US (14/511,774) 2014-10-10

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[13] A1
[51] **Int.Cl. H04W 92/18 (2009.01) H04W 8/26 (2009.01) H04W 88/04 (2009.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR CONTENTION FREE DEVICE SIGNALING WITHOUT A CONTROLLING NETWORK NODE**
[54] **PROCEDE ET APPAREIL POUR UNE SIGNALISATION DE DISPOSITIF SANS CONTENTION SANS UN N□UD DE RESEAU DE COMMANDE**
[72] MUKHERJEE, BISWAROOP, CA
[72] GAGE, WILLIAM ANTHONY, CA
[72] NOVAK, ROBERT, CA
[73] BLACKBERRY LIMITED, CA
[73] MUKHERJEE, BISWAROOP, CA
[73] GAGE, WILLIAM ANTHONY, CA
[73] NOVAK, ROBERT, CA
[85] 2015-10-05
[86] 2014-05-02 (PCT/CA2014/000398)
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[25] EN
[54] **ECG MONITOR WITH AN IMPLANTABLE PART**
[54] **MONITEUR ECG POURVU D'UNE PARTIE IMPLANTABLE**
[72] JENSEN, RASMUS STIG, DK
[72] TOPHOLM, RICHARD, DK
[72] WESTERMANN, SOREN ERIK, DK
[73] T&W ENGINEERING A/S, DK
[73] JENSEN, RASMUS STIG, ZZ
[73] TOPHOLM, RICHARD, ZZ
[73] WESTERMANN, SOREN ERIK, ZZ
[85] 2015-10-13
[86] 2013-04-15 (PCT/EP2013/057800)
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[13] A1
[51] **Int.Cl. H01M 8/04119 (2016.01)**
[25] EN
[54] **FUEL CELL SYSTEM, FUEL CELL-MOUNTED VEHICLE AND METHOD OF CONTROLLING FUEL SYSTEM**
[54] **SYSTEME DE PILE A COMBUSTIBLE, VEHICULE INTEGRANT UNE PILE A COMBUSTIBLE ET METHODE DE CONTROLE D'UN SYSTEME DE COMBUSTIBLE**
[72] YAMAMOTO, KAZUO, JP
[72] IMANISHI, HIROYUKI, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[73] YAMAMOTO, KAZUO, ZZ
[73] IMANISHI, HIROYUKI, ZZ
[86] (2909840)
[87] (2909840)
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[51] **Int.Cl. G01M 3/24 (2006.01)**
[25] EN
[54] **METHOD FOR EVALUATING ACOUSTIC SENSOR DATA IN A FLUID CARRYING NETWORK AND EVALUATION UNIT**
[54] **PROCEDE D'EVALUATION DES DONNEES DE CAPTEUR ACOUSTIQUE DANS UN RESEAU DE TRANSPORT DE FLUIDE ET UNITE D'EVALUATION**
[72] TRAUB, ANDREAS, DE
[73] GUTERMANN AG, CH
[73] TRAUB, ANDREAS, ZZ
[85] 2015-10-19
[86] 2013-04-19 (PCT/EP2013/058213)
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[25] EN
[54] **FUEL CELL SYSTEM AND FUEL CELL SYSTEM CONTROL METHOD**
[54] **SYSTEME DE PILE A COMBUSTIBLE ET METHODE DE CONTROLE D'UN SYSTEME DE PILE A COMBUSTIBLE**
[72] TOIDA, MASASHI, JP
[72] NAGANUMA, YOSHIAKI, JP
[72] OGAWA, TOMOHIRO, JP
[72] MARUO, TSUYOSHI, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[73] TOIDA, MASASHI, ZZ
[73] NAGANUMA, YOSHIAKI, ZZ
[73] OGAWA, TOMOHIRO, ZZ
[73] MARUO, TSUYOSHI, ZZ
[86] (2910408)
[87] (2910408)
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[51] **Int.Cl. C04B 28/02 (2006.01) C04B 16/06 (2006.01) C04B 26/02 (2006.01)**
[25] EN
[54] **METHODS AND CEMENT COMPOSITIONS UTILIZING TREATED POLYOLEFIN FIBERS**
[54] **PROCEDES ET COMPOSITIONS DE CIMENT UTILISANT DES FIBRES DE POLYOLEFINE TRAITEES**
[72] CHATTERJI, JITEN, US
[72] BENKLEY, JAMES ROBERT, US
[72] HUNDT, GREGORY ROBERT, US
[72] BRENNEIS, DARRELL CHAD, US
[72] DENNIS, JOHN LEWIS, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[73] CHATTERJI, JITEN, ZZ
[73] BENKLEY, JAMES ROBERT, ZZ
[73] HUNDT, GREGORY ROBERT, ZZ
[73] BRENNEIS, DARRELL CHAD, ZZ
[73] DENNIS, JOHN LEWIS, ZZ
[85] 2015-10-27
[86] 2014-05-29 (PCT/US2014/039927)
[87] (WO2014/197270)
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[51] **Int.Cl. H01F 27/38 (2006.01) H01F 27/42 (2006.01)**
[25] EN
[54] **APPARATUS FOR REDUCING A MAGNETIC UNIDIRECTIONAL FLUX COMPONENT IN THE CORE OF A TRANSFORMER**
[54] **DISPOSITIF DE REDUCTION D'UNE COMPOSANTE CONTINUE DU FLUX MAGNETIQUE DANS LE NOYAU D'UN TRANSFORMATEUR**
[72] HAMBERGER, PETER, AT
[73] SIEMENS AKTIENGESELLSCHAFT, DE
[73] HAMBERGER, PETER, ZZ
[85] 2015-10-28
[86] 2013-05-28 (PCT/EP2013/060948)
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[25] EN
[54] **MULTI-PURPOSE TILE**
[54] **CARREAU A OBJECTIFS MULTIPLES**
[72] SONG, JINCHENG, CN
[73] SONG, JINCHENG, ZZ
[73] TOWER IPCO COMPANY LIMITED, IE
[85] 2015-10-29
[86] 2014-04-30 (PCT/US2014/036124)
[87] (WO2014/179437)
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[51] **Int.Cl. E04F 15/18 (2006.01) E04F 15/024 (2006.01) E04F 15/22 (2006.01)**
[25] EN
[54] **FLOOR MEMBER WITH FOAM CORE**
[54] **ELEMENT DE PLANCHER DOTE D'UN NOYAU EN MOUSSE**
[72] SONG, JINCHENG, CN
[73] SONG, JINCHENG, ZZ
[73] TOWER IPCO COMPANY LIMITED, IE
[86] (2911288)
[87] (2911288)
[22] 2015-11-03
[30] US (14/846,407) 2015-09-04

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[13] A1
[51] **Int.Cl. H01M 8/1004 (2016.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR PRODUCING MEMBRANE ELECTRODE ASSEMBLY**
[54] **METHODE ET APPAREIL DE PRODUCTION D'UN ENSEMBLE D'ELECTRODE A MEMBRANE**
[72] OHASHI, SOZABURO, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[73] OHASHI, SOZABURO, ZZ
[86] (2911636)
[87] (2911636)
[22] 2015-11-06
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[51] **Int.Cl. H01M 8/0662 (2016.01) H01M 8/2465 (2016.01)**
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[54] **GAS-LIQUID SEPARATOR AND FUEL CELL SYSTEM**
[54] **SEPARATEUR GAZ-LIQUIDE ET SYSTEME DE PILE A COMBUSTIBLE**
[72] HOTTA, YUTAKA, JP
[72] ITOGA, MICHITARO, JP
[72] TAKAYAMA, TATEKI, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[73] HOTTA, YUTAKA, ZZ
[73] ITOGA, MICHITARO, ZZ
[73] TAKAYAMA, TATEKI, ZZ
[86] (2911738)
[87] (2911738)
[22] 2015-11-10
[30] JP (2014-231293) 2014-11-14

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[51] **Int.Cl. G01B 21/04 (2006.01) G01B 11/00 (2006.01) G01B 21/20 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR NON-DESTRUCTIVE EVALUATION OF MOLDS AND CRUCIBLES USED IN INVESTMENT CASTING**
[54] **SYSTEMES ET PROCEDES D'EVALUATION NON DESTRUCTIVE DE MOULES ET DE CREUSETS UTILISES DANS UN MOULAGE A LA CIRE PERDUE**
[72] BEWLAY, BERNARD PATRICK, US
[72] JANSSEN, JONATHAN SEBASTIAN, DE
[72] NAFIS, CHRISTOPHER ALLEN, US
[72] BUENO, CLIFFORD, US
[72] LESNICKI, KRZYSZTOF, US
[73] GENERAL ELECTRIC COMPANY, US
[73] BEWLAY, BERNARD PATRICK, ZZ
[73] JANSSEN, JONATHAN SEBASTIAN, ZZ
[73] NAFIS, CHRISTOPHER ALLEN, ZZ
[73] BUENO, CLIFFORD, ZZ
[73] LESNICKI, KRZYSZTOF, ZZ
[85] 2015-11-05
[86] 2014-05-08 (PCT/US2014/037276)
[87] (WO2014/182886)
[30] US (13/891,624) 2013-05-10

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[51] **Int.Cl. E06B 9/68 (2006.01)**
[25] EN
[54] **MOTORIZED WINDOW SHADE AND METHOD OF OPERATING THE SAME**
[54] **STORE MOTORISE ET SON PROCEDE DE COMMANDE**
[72] YU, FU-LAI, TW
[72] HUANG, CHIN-TIEN, TW
[73] TEH YOR CO., LTD., TW
[73] YU, FU-LAI, ZZ
[73] HUANG, CHIN-TIEN, ZZ
[85] 2015-11-06
[86] 2014-07-07 (PCT/US2014/045528)
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[30] US (61/923,275) 2014-01-03
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[51] **Int.Cl. B21D 22/26 (2006.01) B21D 5/01 (2006.01) B21D 53/88 (2006.01)**
[25] EN
[54] **BLANK, FORMING PLATE, PRESS FORMED ARTICLE MANUFACTURING METHOD, AND PRESS FORMED ARTICLE**
[54] **DECOUPE, PLAQUE MOULEE, PROCEDE DE FABRICATION DE PRODUIT MOULE SOUS PRESSION ET PRODUIT MOULE SOUS PRESSION**
[72] MIYAGI, TAKASHI, JP
[72] MISAWA, KEI, JP
[72] TANAKA, YASUHARU, JP
[72] OGAWA, MISAO, JP
[72] ASO, TOSHIMITSU, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[73] MIYAGI, TAKASHI, ZZ
[73] MISAWA, KEI, ZZ
[73] TANAKA, YASUHARU, ZZ
[73] OGAWA, MISAO, ZZ
[73] ASO, TOSHIMITSU, ZZ
[85] 2015-11-09
[86] 2014-05-13 (PCT/JP2014/062750)
[87] (WO2014/185428)
[30] JP (2013-101419) 2013-05-13

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[51] **Int.Cl. G01N 35/10 (2006.01) G01N 35/02 (2006.01)**
[25] EN
[54] **SAMPLE PROCESSING APPARATUS AND SAMPLE PROCESSING METHOD**
[54] **APPAREIL DE TRAITEMENT D'ECHANTILLON ET METHODE DE TRAITEMENT D'ECHANTILLON**
[72] ITOH, TERUAKI, JP
[73] AOI SEIKI CO., LTD., JP
[73] ITOH, TERUAKI, ZZ
[86] (2912076)
[87] (2912076)
[22] 2015-11-16
[30] JP (2014-233954) 2014-11-18

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[51] **Int.Cl. C09K 8/035 (2006.01) C09K 8/34 (2006.01) C09K 8/54 (2006.01) E21B 43/22 (2006.01)**
[25] EN
[54] **CATALYZED POLYAMINE SULFIDE SCAVENGERS AND METHODS OF USE IN SUBTERRANEAN TREATMENT FLUIDS**
[54] **PIEGEURS DE SULFURE DE POLYAMINE CATALYSE ET PROCEDES D'UTILISATION DANS LES FLUIDES DE TRAITEMENT DES FORMATIONS SOUTERRAINES**
[72] MCDANIEL, CATO RUSSELL, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[73] MCDANIEL, CATO RUSSELL, ZZ
[85] 2015-11-10
[86] 2014-06-18 (PCT/US2014/042982)
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[51] **Int.Cl. A61M 39/10 (2006.01)**
[25] EN
[54] **MECHANICAL FRICTION ENHANCEMENT FOR THREADED CONNECTION INCORPORATING CRUSHABLE RIBS**
[54] **AMELIORATION DE FROTTEMENT MECANIQUE POUR RACCORDEMENT FILETE INCORPORANT DES NERVURES ECRASABLES**
[72] WONG, ANDREW, US
[73] BECTON DICKINSON AND COMPANY LTD., IE
[73] WONG, ANDREW, ZZ
[85] 2015-11-12
[86] 2014-05-16 (PCT/US2014/038391)
[87] (WO2014/186707)
[30] US (61/824,179) 2013-05-16
[30] US (14/278,684) 2014-05-15

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[51] **Int.Cl. F01D 11/10 (2006.01) F01D 11/08 (2006.01) F01D 11/12 (2006.01) F01D 25/24 (2006.01)**
[25] EN
[54] **CMC SHROUD SUPPORT SYSTEM OF A GAS TURBINE**
[54] **SYSTEME DE SUPPORT DE FLASQUE CMC D'UNE TURBINE A GAZ**
[72] BALDIGA, JONATHAN DAVID, US
[72] SHAPIRO, JASON DAVID, US
[73] GENERAL ELECTRIC COMPANY, US
[73] BALDIGA, JONATHAN DAVID, ZZ
[73] SHAPIRO, JASON DAVID, ZZ
[85] 2015-11-12
[86] 2014-04-23 (PCT/US2014/035089)
[87] (WO2014/186099)
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[51] **Int.Cl. E21B 43/02 (2006.01) E21B 43/08 (2006.01)**
[25] EN
[54] **PRODUCTION FILTERING SYSTEMS AND METHODS**
[54] **PROCEDES ET SYSTEMES DE FILTRAGE DE PRODUCTION**
[72] LEHRLING, GUNNAR, CA
[73] HALLIBURTON ENERGY SERVICES, INC., US
[73] LEHRLING, GUNNAR, ZZ
[85] 2015-11-23
[86] 2013-07-24 (PCT/US2013/051833)
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[51] **Int.Cl. G01L 11/02 (2006.01) G01L 1/24 (2006.01) G01L 19/14 (2006.01)**
[25] EN
[54] **PRESSURE SENSING SYSTEM AND METHOD OF HOUSING A PRESSURE SENSOR**
[54] **SYSTEME DE DETECTION DE PRESSION ET PROCEDE DE LOGEMENT DE CAPTEUR DE PRESSION**
[72] STOESZ, CARL W., US
[72] HAMMOND, SYDNEE MARIE, US
[73] BAKER HUGHES INCORPORATED, US
[73] STOESZ, CARL W., ZZ
[73] HAMMOND, SYDNEE MARIE, ZZ
[85] 2015-11-26
[86] 2014-04-28 (PCT/US2014/035625)
[87] (WO2014/197135)
[30] US (13/912,409) 2013-06-07

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[51] **Int.Cl. F25B 30/02 (2006.01) F25B 40/00 (2006.01)**
[25] EN
[54] **HEAT PUMP FOR USING ENVIRONMENTALLY COMPATIBLE COOLANTS**
[54] **POMPE A CHALEUR POUR L'UTILISATION DE FLUIDES FRIGORIGENES COMPATIBLES AVEC L'ENVIRONNEMENT**
[72] REISSNER, FLORIAN, DE
[72] GROMOLL, BERND, DE
[73] SIEMENS AKTIENGESELLSCHAFT, DE
[73] REISSNER, FLORIAN, ZZ
[73] GROMOLL, BERND, ZZ
[85] 2015-11-30
[86] 2014-05-16 (PCT/EP2014/060081)
[87] (WO2014/191237)
[30] DE (10 2013 210 175.9) 2013-05-31

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[13] A1
[51] **Int.Cl. H04W 72/04 (2009.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR EFFICIENT CHANNEL SYNCHRONIZATION**
[54] **SYSTEMES ET PROCEDES POUR UNE SYNCHRONISATION EFFICACE DE CANAUX**
[72] KWON, YOUNGHOON, US
[72] RONG, ZHIGANG, US
[73] HUAWEI TECHNOLOGIES CO., LTD., CN
[73] KWON, YOUNGHOON, ZZ
[73] RONG, ZHIGANG, ZZ
[85] 2015-12-01
[86] 2014-04-18 (PCT/CN2014/075651)
[87] (WO2014/173250)
[30] US (61/816,620) 2013-04-26
[30] US (14/042,176) 2013-09-30

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[51] **Int.Cl. H04L 12/16 (2006.01) G06Q 40/04 (2012.01) H04L 12/58 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR A FAIR EXCHANGE**
[54] **PROCEDE ET DISPOSITIF SERVANT A EFFECTUER UNE TRANSACTION EQUITABLE**
[72] SCHLUETTER, JENS-UWE, US
[73] TRADING TECHNOLOGIES INTERNATIONAL, INC., US
[73] SCHLUETTER, JENS-UWE, ZZ
[86] (2914399)
[87] (2914399)
[22] 2003-10-01
[62] 2,743,092
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[51] **Int.Cl. C09K 8/02 (2006.01) C09K 8/40 (2006.01)**
[25] EN
[54] **MITIGATING ANNULAR PRESSURE BUILDUP USING TEMPERATURE-ACTIVATED POLYMERIC PARTICULATES**
[54] **ATTENUATION DE LA PRESSION ANNULAIRE QUI S'ACCUMULE A L'AIDE DE MATIERES PARTICULAIRES POLYMERES ACTIVEES PAR LA TEMPERATURE**
[72] RAVI, KRISHNA M., US
[72] GUILLORY, BRITTNEY N., US
[72] BOUL, PETER JAMES, US
[72] SANTRA, ASHOK K., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[73] RAVI, KRISHNA M., ZZ
[73] GUILLORY, BRITTNEY N., ZZ
[73] BOUL, PETER JAMES, ZZ
[73] SANTRA, ASHOK K., ZZ
[85] 2015-12-04
[86] 2014-07-10 (PCT/US2014/046174)
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[30] US (13/939,581) 2013-07-11

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[13] A1
[51] **Int.Cl. A63H 27/127 (2006.01) B64C 27/20 (2006.01) B64C 29/00 (2006.01) B64C 39/00 (2006.01)**
[25] EN
[54] **AN AERODYNAMIC LIFTING DEVICE**
[54] **DISPOSITIF DE SUSTENTATION AERODYNAMIQUE**
[72] SCHLUNKE, KIM CHRISTOPHER, AU
[72] SEEBER, KEN, AU
[72] LAMB, RODNEY, AU
[73] ENTECHO PTY LTD, AU
[73] SCHLUNKE, KIM CHRISTOPHER, ZZ
[73] SEEBER, KEN, ZZ
[73] LAMB, RODNEY, ZZ
[85] 2015-12-09
[86] 2014-06-30 (PCT/AU2014/050102)
[87] (WO2015/000028)
[30] AU (2013902429) 2013-07-01
[30] AU (2013902430) 2013-07-01
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[13] A1
[51] **Int.Cl. B32B 37/00 (2006.01) B32B 27/32 (2006.01)**
[25] EN
[54] **NON-WOVEN FABRIC, PREPARATION METHOD THEREOF AND NON-WOVEN FABRIC PRODUCT**
[54] **TISSU NON TISSE, METHODE DE PREPARATION ASSOCIEE ET PRODUIT DE TISSU NON TISSE**
[72] JI, CHANGGAN, CN
[72] YIN, RUIWEN, CN
[72] MA, JUNYING, CN
[73] ZHENGZHOU ZHONGYUAN DEFENSE MATERIAL CO., LTD, CN
[73] JI, CHANGGAN, ZZ
[73] YIN, RUIWEN, ZZ
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[54] **ENHANCED PROTEIN EXPRESSION IN BACILLUS**
[54] **EXPRESSION PROTEINIQUE AMELIOREE DANS BACILLUS**
[72] FERRARI, EUGENIO, US
[72] HARBISON, CAROLE, US
[72] RASHID M. HARUNUR, US
[72] WEYLER, WALTER, US
[73] FERRARI, EUGENIO, ZZ
[73] HARBISON, CAROLE, ZZ
[73] RASHID M. HARUNUR, ZZ
[73] WEYLER, WALTER, ZZ
[73] GENENCOR INTERNATIONAL, INC., US
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[54] **TRANSFORMATEUR A COUPLAGE ELECTRONIQUE**
[72] BIRNBACH, CURTIS A., US
[73] ADVANCED FUSION SYSTEMS LLC, US
[73] BIRNBACH, CURTIS A., ZZ
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[87] (2915298)
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[54] **SAFT ANALYSIS OF DEFECTS CLOSE TO THE SURFACE**
[54] **ANALYSE SAFT DE DEFAUTS SUPERFICIELS**
[72] MOOSHOFER, HUBERT, DE
[73] SIEMENS AKTIENGESELLSCHAFT, DE
[73] MOOSHOFER, HUBERT, ZZ
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[25] EN
[54] **METHOD FOR OPERATING A HEAT PUMP AND HEAT PUMP**
[54] **PROCEDE DE FONCTIONNEMENT D'UNE POMPE A CHALEUR ET POMPE A CHALEUR**
[72] GROMOLL, BERND, DE
[72] REISSNER, FLORIAN, DE
[72] SCHAFER, JOCHEN, DE
[73] SIEMENS AKTIENGESELLSCHAFT, DE
[73] GROMOLL, BERND, ZZ
[73] REISSNER, FLORIAN, ZZ
[73] SCHAFER, JOCHEN, ZZ
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[25] EN
[54] **APPARATUS AND METHODS FOR PERFORMING DOWNHOLE OPERATIONS USING A SELECTABLY OPERABLE MOTOR**
[54] **APPAREIL ET PROCEDES POUR EFFECTUER DES MAN□UVRES EN FOND DE TROU A L'AIDE D'UN MOTEUR ACTIONNABLE DE FACON SELECTIVE**
[72] HONEKAMP, JACOB R., US
[73] BAKER HUGHES INCORPORATED, US
[73] HONEKAMP, JACOB R., ZZ
[85] 2015-12-15
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[54] **MULTI-COMMERCE CHANNEL WALLET FOR AUTHENTICATED TRANSACTIONS**
[54] **PORTEFEUILLE UTILISANT DES CANAUX DE COMMERCE MULTIPLES POUR EFFECTUER DES TRANSACTIONS AUTHENTIFIEES**
[72] WONG, SHOON PING, US
[72] MOY, KENNETH CHUNG LEM, US
[72] MARTIG, CELINE, US
[72] FOUREZ, PABLO, US
[72] MUSHING, ALAN, US
[72] LUNDEQUIST, FREDRIK, US
[72] AMEISS, MICHAEL, US
[72] SHAON, MICHAEL, US
[73] WONG, SHOON PING, ZZ
[73] MOY, KENNETH CHUNG LEM, ZZ
[73] MARTIG, CELINE, ZZ
[73] FOUREZ, PABLO, ZZ
[73] MUSHING, ALAN, ZZ
[73] LUNDEQUIST, FREDRIK, ZZ
[73] AMEISS, MICHAEL, ZZ
[73] SHAON, MICHAEL, ZZ
[73] MASTERCARD INTERNATIONAL, INC., US
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[25] EN
[54] **HIGH INTEGRITY PROCESS FLUID PRESSURE PROBE**
[54] **SONDE DE PRESSION DE HAUTE INTEGRITE POUR FLUIDE DE PROCEDE**
[72] HEDTKE, ROBERT C., US
[72] SITTLER, FRED C., US
[73] ROSEMOUNT INC., US
[73] HEDTKE, ROBERT C., ZZ
[73] SITTLER, FRED C., ZZ
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[51] **Int.Cl. B66B 21/12 (2006.01) B66B 23/12 (2006.01)**
[25] EN
[54] **SET OF PALLETS FOR A TRANSPORTATION SYSTEM USED TO TRANSPORT PASSENGERS/GOODS**
[54] **ENSEMBLE DE PALETTES DESTINE A UN SYSTEME DE TRANSPORT UTILISE POUR TRANSPORTER DES PASSAGERS ET DES BIENS**
[72] GONZALEZ ALEMANY, MIGUEL ANGEL, ES
[72] GONZALEZ PANTIGA, JUAN DOMINGO, ES
[72] PALOMERO COCHO, FRANCISCO, ES
[72] CASTANO LANTERO, AURELIO, ES
[72] ROS ZUAZUA, PEDRO, ES
[72] FERNANDEZ ALVAREZ, LUIS JOAQUIN, ES
[72] FLOREZ CASTRO, ALBERTO, ES
[73] THYSSENKRUPP ELEVATOR INNOVATION CENTER, S.A., ES
[73] GONZALEZ ALEMANY, MIGUEL ANGEL, ZZ
[73] GONZALEZ PANTIGA, JUAN DOMINGO, ZZ
[73] PALOMERO COCHO, FRANCISCO, ZZ
[73] CASTANO LANTERO, AURELIO, ZZ
[73] ROS ZUAZUA, PEDRO, ZZ
[73] FERNANDEZ ALVAREZ, LUIS JOAQUIN, ZZ
[73] FLOREZ CASTRO, ALBERTO, ZZ
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[54] **LONG LIFE, FAIL SAFE TRAFFIC LIGHT**
[54] **FEU DE SIGNALISATION A L'EPREUVE DES DEFAILLANCES ET A LONGUE DUREE DE VIE**
[72] HEBBORN, KEVIN A., US
[72] ZINGLER, GLENN J., US
[73] DIALIGHT CORPORATION, US
[73] HEBBORN, KEVIN A., ZZ
[73] ZINGLER, GLENN J., ZZ
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[25] EN
[54] **MOLD APPARATUS AND RESIN MOLDING METHOD**
[54] **APPAREIL DE MOULAGE ET PROCEDE DE MOULAGE DE RESINE**
[72] UCHI, TOMOYUKI, JP
[72] MATSUSHIMA, HIROSHI, JP
[72] ABE, TAKASHI, JP
[73] UCHI, TOMOYUKI, ZZ
[73] MATSUSHIMA, HIROSHI, ZZ
[73] ABE, TAKASHI, ZZ
[73] HONDA MOTOR CO., LTD., JP
[86] (2916277)
[87] (2916277)
[22] 2015-12-23
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[51] **Int.Cl. E21B 43/11 (2006.01) E21B 43/112 (2006.01)**
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[54] **NON-BALLISTIC TUBULAR PERFORATING SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE PERFORATION NON BALISTIQUE DE TUBULAIRES**
[72] RICHARD, BENNETT M., US
[72] O'MALLEY, EDWARD J., US
[73] BAKER HUGHES INCORPORATED, US
[73] RICHARD, BENNETT M., ZZ
[73] O'MALLEY, EDWARD J., ZZ
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[25] EN
[54] **IDENTIFYING MISUSE OF LEGITIMATE OBJECTS**
[54] **IDENTIFICATION D'UN ABUS D'OBJETS LEGITIMES**
[72] SATISH, SOURABH, US
[73] SYMANTEC CORPORATION, US
[73] SATISH, SOURABH, ZZ
[85] 2016-01-04
[86] 2014-07-01 (PCT/US2014/045136)
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[25] EN
[54] **SLUDGE DEHYDRATION SYSTEM AND SLUDGE DEHYDRATION METHOD**
[54] **SYSTEME DE DESHYDRATATION DE BOUE ET METHODE DE DESHYDRATATION DE BOUE**
[72] YAMASHITA, MANABU, JP
[72] MORITA, MASAKAZU, JP
[72] MINO, HIROYUKI, JP
[72] NISHIHARA, YASUAKI, JP
[72] YANAI, ATSUSHI, JP
[72] TAMAUCHI, RYOSUKE, JP
[72] SUETSUGU, YASUTAKA, JP
[72] KATAYAMA, MASAYOSHI, JP
[73] ISHIGAKI COMPANY LIMITED, JP
[73] YAMASHITA, MANABU, ZZ
[73] MORITA, MASAKAZU, ZZ
[73] MINO, HIROYUKI, ZZ
[73] NISHIHARA, YASUAKI, ZZ
[73] YANAI, ATSUSHI, ZZ
[73] TAMAUCHI, RYOSUKE, ZZ
[73] SUETSUGU, YASUTAKA, ZZ
[73] KATAYAMA, MASAYOSHI, ZZ
[85] 2016-01-06
[86] 2014-06-20 (PCT/JP2014/066435)
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[51] **Int.Cl. E21B 34/06 (2006.01) E21B 34/08 (2006.01) E21B 43/12 (2006.01)**
[25] EN
[54] **FLOW CONTROL DEVICE FOR CONTROLLING FLOW BASED ON FLUID PHASE**
[54] **DISPOSITIF DE REGULATION D'ECOULEMENT PERMETTANT DE REGULER UN ECOULEMENT BASE SUR UNE PHASE FLUIDE**
[72] FRIPP, MICHAEL L., US
[72] GANO, JOHN C., US
[72] MURPHREE, ZACHARY R., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[73] FRIPP, MICHAEL L., ZZ
[73] GANO, JOHN C., ZZ
[73] MURPHREE, ZACHARY R., ZZ
[85] 2016-01-07
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[25] EN
[54] **DEVICE FOR REGULATING A BURNER SYSTEM**
[54] **DISPOSITIF DE REGULATION D'UN DISPOSITIF DE BRULEUR**
[72] BORN, THOMAS, DE
[72] SCHMIEDERER, BERND, DE
[73] SIEMENS AKTIENGESELLSCHAFT, DE
[73] BORN, THOMAS, ZZ
[73] SCHMIEDERER, BERND, ZZ
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[25] EN
[54] **CALCULATING SPEED AND TRAVEL TIMES WITH TRAVEL DELAYS**
[54] **CALCUL DE VITESSE ET DE TEMPS DE VOYAGE AVEC DES RETARDS DE VOYAGE**
[72] DAVIDSON, MARK J., US
[72] SCHENKEN, CHRISTOPHER T., US
[73] UNITED PARCEL SERVICE OF AMERICA, INC., US
[73] DAVIDSON, MARK J., ZZ
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[85] 2016-01-08
[86] 2014-04-16 (PCT/US2014/034323)
[87] (WO2015/005965)
[30] US (13/940,699) 2013-07-12
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[25] EN
[54] **OPTIMIZED MONOTONIC RADIATION PATTERN FIT WITH AMBIGUITY RESOLUTION**
[54] **AJUSTEMENT DE DIAGRAMME DE RAYONNEMENT MONOTONE OPTIMISE AVEC RESOLUTION D'AMBIGUITE**
[72] HUARD, ANDREW, US
[72] LARUSSI, AMEDEO, US
[72] MCINTURFF, KIM, US
[73] RAYTHEON COMPANY, US
[73] HUARD, ANDREW, ZZ
[73] LARUSSI, AMEDEO, ZZ
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[54] **OPTIMIZING ELECTRONIC LAYOUTS FOR MEDIA CONTENT**
[54] **OPTIMISATION DE MISES EN PAGE ELECTRONIQUES POUR UN CONTENU MULTIMEDIA**
[72] CHEDEAU, CHRISTOPHER SERGE BENJAMIN, US
[72] FRIGGERI, ADRIEN THOMAS, US
[73] FACEBOOK, INC., US
[73] CHEDEAU, CHRISTOPHER SERGE BENJAMIN, ZZ
[73] FRIGGERI, ADRIEN THOMAS, ZZ
[85] 2016-01-08
[86] 2014-07-10 (PCT/US2014/046088)
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[25] EN
[54] **SYSTEMS AND METHODS FOR REMOVING PARTICULATE MATTER FROM EXHAUST GAS STREAMS**
[54] **SYSTEMES ET METHODES D'EXTRACTION DE LA MATIERE PARTICULAIRE DES FLUX DE GAZ D'ECHAPPEMENT**
[72] MUKHERJI, PARTHOSAROTHY K., IN
[73] SIDEL SYSTEMS USA INC., US
[73] MUKHERJI, PARTHOSAROTHY K., ZZ
[86] (2918467)
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[51] **Int.Cl. H05B 6/06 (2006.01)**
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[54] **HIGH-FREQUENCY HEATING DEVICE AND POWER SUPPLY CONTROL METHOD AND POWER SUPPLY CONTROL APPARATUS FOR SAME**
[54] **DISPOSITIF DE CHAUFFAGE A HAUTE FREQUENCE AINSI QUE PROCEDE DE COMMANDE D'ALIMENTATION ELECTRIQUE ET APPAREIL DE COMMANDE D'ALIMENTATION ELECTRIQUE POUR CE DERNIER**
[72] HUANG, BIN, CN
[72] CHEN, XINGCHAO, CN
[72] ZHENG, NIANZHONG, CN
[73] MIDEA GROUP CO., LTD., CN
[73] HUANG, BIN, ZZ
[73] CHEN, XINGCHAO, ZZ
[73] ZHENG, NIANZHONG, ZZ
[73] GUANGDONG MIDEA KITCHEN APPLIANCES MANUFACTURING CO., LTD., CN
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[25] EN
[54] **METHOD FOR RECOVERING A COPPER SULFIDE CONCENTRATE FROM AN ORE CONTAINING AN IRON SULFIDE**
[54] **PROCEDE DE RECUPERATION D'UN CONCENTRE DE SULFURE DE CUIVRE A PARTIR D'UN MINERAI CONTENANT UN SULFURE DE FER**
[72] GREET, CHRISTOPHER, AU
[72] ARNOLD, GERHARD, US
[72] HAMANN, INGO, US
[72] HITCHINER, ALAN, NZ
[73] MAGOTTEAUX INTERNATIONAL S.A., BE
[73] GREET, CHRISTOPHER, ZZ
[73] ARNOLD, GERHARD, ZZ
[73] HAMANN, INGO, ZZ
[73] HITCHINER, ALAN, ZZ
[73] EVONIK DEGUSSA GMBH, DE
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[30] US (61/856,375) 2013-07-19

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[25] EN
[54] **MULTI-COMPARTMENT REACTOR AND METHOD FOR CONTROLLING RETENTION TIME IN A MULTI-COMPARTMENT REACTOR**
[54] **REACTEUR A COMPARTIMENTS MULTIPLES ET PROCEDE DE COMMANDE DU TEMPS DE RETENTION DANS UN REACTEUR A COMPARTIMENTS MULTIPLES**
[72] FRASER, KEVIN S., CA
[72] MCCOMBE, WILLIAM E., CA
[72] PEARSON, MURRAY S., CA
[73] HATCH LTD., CA
[73] FRASER, KEVIN S., CA
[73] MCCOMBE, WILLIAM E., CA
[73] PEARSON, MURRAY S., CA
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[86] 2013-08-15 (PCT/CA2013/050629)
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[54] **VARIABLE HEAT PUMP USING MAGNETO CALORIC MATERIALS**
[54] **POMPE A CHALEUR VARIABLE UTILISANT DES MATERIAUX MAGNETOCALORIQUES**
[72] BENEDICT, MICHAEL ALEXANDER, US
[73] BENEDICT, MICHAEL ALEXANDER, ZZ
[73] HAIER US APPLIANCE SOLUTIONS, INC., US
[85] 2016-01-21
[86] 2014-06-16 (PCT/US2014/042485)
[87] (WO2015/012975)
[30] US (13/949,395) 2013-07-24

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[54] **ULTRA-WIDEBAND IMPEDANCE TUNER**
[54] **DISPOSITIF D'ACCORD D'IMPEDANCE A BANDE ULTRALARGE**
[72] DUDKIEWICZ, STEVEN M., CA
[72] SIMPSON, GARY R., US
[73] MAURY MICROWAVE, INC., US
[73] DUDKIEWICZ, STEVEN M., CA
[73] SIMPSON, GARY R., ZZ
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[86] 2014-07-30 (PCT/US2014/048961)
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[30] US (61/860,792) 2013-07-31
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[54] **SYSTEM FOR PRODUCING SOUND WAVES**
[54] **SYSTEME POUR PRODUIRE DES ONDES SONORES**
[72] HARDIE, DAVID, GB
[73] ATLAS ELEKTRONIK UK LTD, GB
[73] HARDIE, DAVID, ZZ
[85] 2016-01-25
[86] 2014-08-11 (PCT/GB2014/052451)
[87] (WO2015/019116)
[30] GB (1314326.8) 2013-08-09

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[51] **Int.Cl. B61F 9/00 (2006.01) H01H 15/06 (2006.01)**
[25] EN
[54] **METHOD AND DEVICES FOR CHECKING THE CORRECT RAIL POSITION OF A GUIDED VEHICLE**
[54] **METHODE ET DISPOSITIFS DE CONTROLE D'UN ENRAILLEMENT CORRECT D'UN VEHICLE GUIDE**
[72] CONSOLI, LUCIANO, FR
[73] SIEMENS S.A.S., FR
[73] CONSOLI, LUCIANO, ZZ
[85] 2016-01-27
[86] 2014-06-26 (PCT/EP2014/063498)
[87] (WO2015/014548)
[30] EP (13290178.6) 2013-07-29

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[54] **TREE RESISTANT INSULATION COMPOSITIONS**
[54] **COMPOSITIONS ISOLANTES RESISTANT AUX ARBORESCENCES**
[72] EASTER, MARK R., US
[73] GENERAL CABLE TECHNOLOGIES CORP., US
[73] EASTER, MARK R., ZZ
[86] (2919737)
[87] (2919737)
[22] 2008-08-06
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[51] **Int.Cl. G10L 19/008 (2013.01)**
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[54] **METHODS AND DEVICES FOR JOINT MULTICHANNEL CODING**
[54] **PROCEDES ET DISPOSITIFS POUR UN CODAGE MULTICANAL CONJOINT**
[72] KJOERLING, KRISTOFER, SE
[72] MUNDT, HARALD, DE
[72] PURNHAGEN, HEIKO, SE
[73] DOLBY INTERNATIONAL AB, NL
[73] KJOERLING, KRISTOFER, ZZ
[73] MUNDT, HARALD, ZZ
[73] PURNHAGEN, HEIKO, ZZ
[85] 2016-02-10
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[54] **PROCESS FOR THE PREPARATION OF OXYMORPHONE**
[54] **PROCEDE DE PREPARATION D'OXYMORPHONE**
[72] ARCHER, NICOLAS, GB
[72] GRANT, EWART, US
[72] HEINRICH, BRIAN, US
[72] MATHARU, SAROOP, US
[73] JOHNSON MATTHEY PUBLIC LIMITED COMPANY, GB
[73] ARCHER, NICOLAS, ZZ
[73] GRANT, EWART, ZZ
[73] HEINRICH, BRIAN, ZZ
[73] MATHARU, SAROOP, ZZ
[85] 2016-01-27
[86] 2014-02-05 (PCT/GB2014/050317)
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[30] US (61/861,777) 2013-08-02

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[51] **Int.Cl. H01J 1/308 (2006.01) A61B 6/00 (2006.01) G01N 23/00 (2006.01) G01N 23/203 (2006.01) G01T 1/29 (2006.01) H01J 35/06 (2006.01) H01J 35/08 (2006.01) H05G 1/00 (2006.01) H05G 1/30 (2006.01)**
[25] EN
[54] **ELECTRON SOURCE, X-RAY SOURCE AND DEVICE USING THE X-RAY SOURCE**
[54] **SOURCE D'ELECTRONS, SOURCE DE RAYONNEMENT X ET DISPOSITIF EMPLOYANT LA SOURCE DE RAYONNEMENT X**
[72] TANG, HUAPING, CN
[72] CHEN, ZHIQIANG, CN
[72] LI, YUANJING, CN
[72] WANG, YONGGANG, CN
[72] QIN, ZHANFENG, CN
[73] NUCTECH COMPANY LIMITED, CN
[73] TANG, HUAPING, ZZ
[73] CHEN, ZHIQIANG, ZZ
[73] LI, YUANJING, ZZ
[73] WANG, YONGGANG, ZZ
[73] QIN, ZHANFENG, ZZ
[85] 2016-02-03
[86] 2015-08-19 (PCT/CN2015/087488)
[87] (2919744)
[30] CN (201410419359.2) 2014-08-25

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[51] **Int.Cl. G01L 19/06 (2006.01) G01L 15/00 (2006.01) G01L 19/00 (2006.01) G01L 19/14 (2006.01) G01L 27/00 (2006.01)**
[25] EN
[54] **PROCESS FLUID PRESSURE SENSING ASSEMBLY FOR PRESSURE TRANSMITTERS SUBJECTED TO HIGH WORKING PRESSURE**
[54] **ENSEMBLE DE DETECTION DE PRESSION DE FLUIDE DE TRAITEMENT POUR EMETTEURS DE PRESSION SOUMIS A UNE PRESSION DE TRAVAIL ELEVEE**
[72] HAYWOOD, NICHOLAS JOHN, US
[73] ROSEMOUNT INC., US
[73] HAYWOOD, NICHOLAS JOHN, ZZ
[85] 2016-02-10
[86] 2014-08-26 (PCT/US2014/052660)
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[30] US (14/038,223) 2013-09-26

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[25] EN
[54] **TWO-PART SET-DELAYED CEMENT COMPOSITIONS**
[54] **COMPOSITIONS DE CIMENT A PRISE RETARDEE A DEUX COMPOSANTS**
[72] PISKLAK, THOMAS JASON, US
[72] AGAPIOU, KYRIACOS, US
[72] BOUL, PETER JAMES, US
[72] OTIENO, PAULINE AKINYI, US
[72] BROTHERS, LANCE EVERETT, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[73] PISKLAK, THOMAS JASON, ZZ
[73] AGAPIOU, KYRIACOS, ZZ
[73] BOUL, PETER JAMES, ZZ
[73] OTIENO, PAULINE AKINYI, ZZ
[73] BROTHERS, LANCE EVERETT, ZZ
[85] 2016-02-11
[86] 2014-09-09 (PCT/US2014/054794)
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[54] **LAWN AND GARDEN SPRAYER ASSEMBLY**
[54] **APPAREIL PULVERISATEUR DESTINE A LA PELOUSE ET AU JARDIN**
[72] MITCHELL, GEORGE A., US
[72] RESTIVE, MARIO J., US
[72] ABERNETHY, TODD, US
[72] CLAREY, ANDREW, US
[72] VAUGHN, JOHN, US
[73] THE FOUNTAINHEAD GROUP, INC., US
[73] MITCHELL, GEORGE A., ZZ
[73] RESTIVE, MARIO J., ZZ
[73] ABERNETHY, TODD, ZZ
[73] CLAREY, ANDREW, ZZ
[73] VAUGHN, JOHN, ZZ
[85] 2016-02-15
[86] 2014-09-11 (PCT/US2014/055144)
[87] (WO2015/038744)
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[51] **Int.Cl. B32B 38/08 (2006.01) B32B 5/32 (2006.01) B32B 18/00 (2006.01)**
[25] EN
[54] **CERAMIC MATRIX COMPOSITE STRUCTURES WITH CONTROLLED MICROSTRUCTURES FABRICATED USING CHEMICAL VAPOR INFILTRATION (CVI)**
[54] **STRUCTURES COMPOSITES A MATRICE CERAMIQUE COMPORTANT DES MICROSTRUCTURES CONTROLEES FABRIQUEES PAR INFILTRATION EN PHASE VAPEUR**
[72] WEAVER, JARED HOGG, US
[72] CORMAN, GREGORY SCOT, US
[72] LUTHRA, KRISHAN LAL, US
[73] GENERAL ELECTRIC COMPANY, US
[73] WEAVER, JARED HOGG, ZZ
[73] CORMAN, GREGORY SCOT, ZZ
[73] LUTHRA, KRISHAN LAL, ZZ
[86] (2921729)
[87] (2921729)
[22] 2016-02-25
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[13] A1
[51] **Int.Cl. G02B 27/26 (2006.01) G02B 5/30 (2006.01) G02B 27/18 (2006.01)**
[25] EN
[54] **POLARIZATION CONVERSION SYSTEM AND METHOD FOR STEREOSCOPIC PROJECTION**
[54] **SYSTEME DE CONVERSION DE POLARISATION, ET PROCEDE POUR UNE PROJECTION STEREOSCOPIQUE**
[72] SCHUCK, MILLER H., US
[72] ROBINSON, MICHAEL G., US
[72] SHARP, GARY D., US
[73] REALD INC., US
[73] SCHUCK, MILLER H., ZZ
[73] ROBINSON, MICHAEL G., ZZ
[73] SHARP, GARY D., ZZ
[86] (2921760)
[87] (2921760)
[22] 2008-05-09
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[51] **Int.Cl. B65G 60/00 (2006.01) A01K 45/00 (2006.01) B25J 9/10 (2006.01) B65G 47/91 (2006.01) B65G 61/00 (2006.01)**
[25] EN
[54] **DESTACKING AND RESTACKING OF CONTAINERS USING A ROBOT IN POULTRY HATCHERY OPERATIONS**
[54] **DESEMPILER ET REMPILER DES RECIPIENTS A L'AIDE D'UN ROBOT LORS D'OPERATIONS D'INCUBATION DE VOLAILLE**
[72] LOCKIE, DAVID JAMES, CA
[73] LOCKIE, DAVID JAMES, CA
[73] ZOETIS CANADA INC., CA
[86] (2921869)
[87] (2921869)
[22] 2009-01-23
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[25] EN
[54] **COMMUNICATION INTERFACE CLIP FOR A HANDHELD MEDICAL DEVICE**
[54] **CLIP D'INTERFACE DE COMMUNICATION POUR UN DISPOSITIF MEDICAL DE POCHE**
[72] SAMS, HOWARD, US
[72] STAUBERT, ANDREAS, DE
[73] F. HOFFMANN-LA ROCHE AG, CH
[73] SAMS, HOWARD, ZZ
[73] STAUBERT, ANDREAS, ZZ
[85] 2016-02-29
[86] 2014-10-15 (PCT/EP2014/072114)
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[30] US (61/891,736) 2013-10-16
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[13] A1
[51] **Int.Cl. G01D 11/24 (2006.01)**
[25] EN
[54] **INDUSTRIAL PROCESS FIELD DEVICE WITH HUMIDITY-SEALED ELECTRONICS MODULE**
[54] **DISPOSITIF DE CHAMP DE PROCEDE INDUSTRIEL A MODULE D'ELECTRONIQUES ETANCHE VIS-A-VIS DE L'HUMIDITE**
[72] NORMAN, KIRSTEN NICOLE, US
[72] PERRAULT, AARON ANDREW, US
[72] RUD, JASON HAROLD, US
[72] HOLMSTADT, CLARENCE EDWARD, US
[73] ROSEMOUNT INC., US
[73] NORMAN, KIRSTEN NICOLE, ZZ
[73] PERRAULT, AARON ANDREW, ZZ
[73] RUD, JASON HAROLD, ZZ
[73] HOLMSTADT, CLARENCE EDWARD, ZZ
[85] 2016-03-03
[86] 2014-08-05 (PCT/US2014/049710)
[87] (WO2015/047546)
[30] US (14/036,787) 2013-09-25

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[51] **Int.Cl. G01L 19/06 (2006.01) E21B 47/06 (2012.01) G01L 19/14 (2006.01)**
[25] EN
[54] **PRESSURE SENSOR WITH MINERAL INSULATED CABLE**
[54] **CAPTEUR DE PRESSION A CABLE ISOLE MINERAL**
[72] SCHUMACHER, MARK STEPHEN, US
[72] BRODEN, DAVID ANDREW, US
[73] ROSEMOUNT INC., US
[73] SCHUMACHER, MARK STEPHEN, ZZ
[73] BRODEN, DAVID ANDREW, ZZ
[85] 2016-03-03
[86] 2014-08-18 (PCT/US2014/051429)
[87] (WO2015/047586)
[30] US (14/039,233) 2013-09-27

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[51] **Int.Cl. B60R 19/02 (2006.01) B21D 53/88 (2006.01)**
[25] EN
[54] **VEHICLE BUMPER**
[54] **PARE-CHOCS DE VEHICULE**
[72] CONROD, BRYAN JEFFREY, CA
[73] MULTIMATIC INC., CA
[73] CONROD, BRYAN JEFFREY, CA
[85] 2016-03-04
[86] 2014-09-24 (PCT/CA2014/050912)
[87] (WO2015/048891)
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[51] **Int.Cl. F24F 11/70 (2018.01) F24F 11/30 (2018.01) F24F 11/58 (2018.01) F24D 19/10 (2006.01) F24F 3/12 (2006.01)**
[25] EN
[54] **METHOD OF OPERATING HVAC SYSTEMS**
[54] **METHODE DE FONCTIONNEMENT D'APPAREILS CVCA**
[72] HARROD, GREGORY RALPH, US
[72] BEERS, BRADLEY A., US
[72] CARMICHAEL, GRANT E., US
[72] BENTZ, JEDIDIAH O., US
[73] JOHNSON CONTROLS TECHNOLOGY COMPANY, US
[73] HARROD, GREGORY RALPH, ZZ
[73] BEERS, BRADLEY A., ZZ
[73] CARMICHAEL, GRANT E., ZZ
[73] BENTZ, JEDIDIAH O., ZZ
[86] (2923241)
[87] (2923241)
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[62] 2,678,699
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[51] **Int.Cl. C09K 8/48 (2006.01) C09K 8/03 (2006.01) E21B 43/22 (2006.01)**
[25] EN
[54] **FLUID MOBILITY MODIFIERS FOR INCREASED PRODUCTION IN SUBTERRANEAN FORMATIONS**
[54] **AGENTS MODIFIANT LA MOBILITE D'UN FLUIDE, POUR UNE PRODUCTION ACCRUE DANS DES FORMATIONS SOUTERRAINES**
[72] WELTON, THOMAS DONOVAN, US
[72] PENNY, GLENN S., US
[72] HOLTSCLAW, JEREMY, US
[72] SINGH, DIPTI, US
[72] WESTON, MELISSA C., US
[72] SCHULTHEISS, NATHAN, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[73] WELTON, THOMAS DONOVAN, ZZ
[73] PENNY, GLENN S., ZZ
[73] HOLTSCLAW, JEREMY, ZZ
[73] SINGH, DIPTI, ZZ
[73] WESTON, MELISSA C., ZZ
[73] SCHULTHEISS, NATHAN, ZZ
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[51] **Int.Cl. G05D 1/02 (2006.01) E02F 9/20 (2006.01)**
[25] EN
[54] **VEHICLE TRAVEL SYSTEM AND VEHICLE TRAVEL CONTROL METHOD**
[54] **SYSTEME DE DEPLACEMENT DE VEHICULE ET PROCEDE DE COMMANDE DE DEPLACEMENT DE VEHICULE**
[72] HAMADA, TOMOYUKI, JP
[72] SUGAWARA, KAZUHIRO, JP
[72] TANAKA, KATSUAKI, JP
[73] HITACHI CONSTRUCTION MACHINERY CO., LTD., JP
[73] HAMADA, TOMOYUKI, ZZ
[73] SUGAWARA, KAZUHIRO, ZZ
[73] TANAKA, KATSUAKI, ZZ
[85] 2016-03-08
[86] 2013-12-12 (PCT/JP2013/083358)
[87] (WO2015/087430)

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[51] **Int.Cl. E21B 23/00 (2006.01) E21B 23/04 (2006.01)**
[25] EN
[54] **FLOATING DEVICE RUNNING TOOL**
[54] **OUTIL DE POSE DE DISPOSITIF FLOTTANT**
[72] WHITE, NICKY A., US
[72] CHAMBERS, JAMES W., US
[72] BAILEY, THOMAS F., US
[73] WHITE, NICKY A., ZZ
[73] CHAMBERS, JAMES W., ZZ
[73] BAILEY, THOMAS F., ZZ
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[85] 2016-03-09
[86] 2014-10-03 (PCT/US2014/059153)
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[30] US (61/887,140) 2013-10-04

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[51] **Int.Cl. B23K 9/095 (2006.01) B23K 9/12 (2006.01) B23K 9/173 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR SELECTING A WELDING PROCESS**
[54] **SYSTEMES ET PROCEDES DE SELECTION D'UN PROCESSUS DE SOUDAGE**
[72] RAPPL, JAMES FRANCIS, US
[72] IHDE, JEFFERY RAY, US
[72] STANZEL, KENNETH AUSTIN, US
[72] LEISNER, JOHN C., US
[73] ILLINOIS TOOL WORKS INC., US
[73] RAPPL, JAMES FRANCIS, ZZ
[73] IHDE, JEFFERY RAY, ZZ
[73] STANZEL, KENNETH AUSTIN, ZZ
[73] LEISNER, JOHN C., ZZ
[85] 2016-03-11
[86] 2014-11-12 (PCT/US2014/065242)
[87] (WO2015/073549)
[30] US (61/905,570) 2013-11-18
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[51] **Int.Cl. F03D 13/20 (2016.01) E02B 17/00 (2006.01) E04H 12/08 (2006.01) E04H 12/10 (2006.01)**
[25] EN
[54] **TRANSITION BODY BETWEEN TOWER SECTIONS OF A WIND POWER STATION AND THE TOWER OF A WIND POWER STATION COMPRISING A TRANSITION BODY**
[54] **ELEMENT DE TRANSITION ENTRE DES PARTIES D'UNE TOUR D'UNE EOLIENNE ET TOUR D'UNE EOLIENNE COMPORTANT UN ELEMENT DE TRANSITION**
[72] PATBERG, LOTHAR, DE
[72] DREWES, STEPHAN, DE
[72] PATON, ADRIAN, DE
[72] SAVVAS, KONSTANTINOS, DE
[72] HIRT, MARK, DE
[72] BOGATSCH, MAIK, DE
[73] THYSSENKRUPP STEEL EUROPE AG, DE
[73] PATBERG, LOTHAR, ZZ
[73] DREWES, STEPHAN, ZZ
[73] PATON, ADRIAN, ZZ
[73] SAVVAS, KONSTANTINOS, ZZ
[73] HIRT, MARK, ZZ
[73] BOGATSCH, MAIK, ZZ
[85] 2016-03-14
[86] 2014-08-28 (PCT/EP2014/068307)
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[51] **Int.Cl. G10L 19/008 (2013.01) G10L 19/03 (2013.01) G10L 19/16 (2013.01) G10L 19/06 (2013.01)**
[25] EN
[54] **MDCT-BASED COMPLEX PREDICTION STEREO CODING**
[54] **CODAGE STEREO A PREDICTION COMPLEXE A BASE DE MDCT**
[72] PURNHAGEN, HEIKO, SE
[72] CARLSSON, PONTUS, SE
[72] VILLEMOES, LARS, SE
[73] DOLBY INTERNATIONAL AB, NL
[73] PURNHAGEN, HEIKO, ZZ
[73] CARLSSON, PONTUS, ZZ
[73] VILLEMOES, LARS, ZZ
[86] (2924315)
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[51] **Int.Cl. F16J 15/34 (2006.01)**
[25] EN
[54] **ROTARY FACE SEAL WITH ANTI-CROWNING FEATURES**
[54] **JOINT FACIAL ROTATIF A CARACTERISTIQUES ANTI-CINTRAGE**
[72] MCLEAN, CHRISTOPHER R., CA
[72] LEBLANC, MICHEL P., CA
[72] MCKERROW, MICHAEL J., CA
[72] KEEFER, BOWIE G., CA
[72] KONG, XIANG LU, CA
[72] LEBECK, ALAN O., US
[73] MCLEAN, CHRISTOPHER R., CA
[73] LEBLANC, MICHEL P., CA
[73] MCKERROW, MICHAEL J., CA
[73] KEEFER, BOWIE G., CA
[73] KONG, XIANG LU, CA
[73] LEBECK, ALAN O., ZZ
[73] AIR PRODUCTS AND CHEMICALS, INC., US
[86] (2924548)
[87] (2924548)
[22] 2009-07-01
[62] 2,729,791
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[13] A1
[51] **Int.Cl. B62B 7/08 (2006.01)**
[25] EN
[54] **FOLDABLE STROLLER AND FOLDING DEVICE THEREOF**
[54] **POUSSETTE PLIANTE ET DISPOSITIF PLIANT ASSOCIE**
[72] CHENG, YU CHU, CN
[73] CHENG, YU CHU, ZZ
[73] UNIQUE PRODUCT & DESIGN CO., LTD., TW
[85] 2016-03-16
[86] 2014-04-16 (PCT/CN2014/075448)
[87] (WO2015/039431)
[30] CN (201310425388.5) 2013-09-17

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[13] A1
[51] **Int.Cl. E04B 1/62 (2006.01) B32B 27/12 (2006.01) E04B 5/00 (2006.01) E04F 15/02 (2006.01) E04F 15/18 (2006.01) E04F 21/20 (2006.01)**
[25] EN
[54] **MOISTURE BARRIER MEMBRANE FOR CONCRETE FLOORS**
[54] **MEMBRANE ANTI HUMIDITE DESTINEE A DES PLANCHERS EN BETON**
[72] SILVERS, CRAIG, US
[72] PALYS, GERALD F., US
[72] PATEL, CHANDULAL, US
[72] HALL, JON R., US
[73] TRAXX CORPORATION, US
[73] SILVERS, CRAIG, ZZ
[73] PALYS, GERALD F., ZZ
[73] PATEL, CHANDULAL, ZZ
[73] HALL, JON R., ZZ
[86] (2925386)
[87] (2925386)
[22] 2016-03-29
[30] US (62/140169) 2015-03-30

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[51] **Int.Cl. B29C 53/56 (2006.01) C08J 5/04 (2006.01) C08L 71/12 (2006.01)**
[25] EN
[54] **HYBRID METAL-COMPOSITE DRIVE SHAFT UNIT AND METHOD OF MANUFACTURING THE SAME**
[54] **MODULE D'ARBRE MOTEUR EN COMPOSITE ET METAL HYBRIDE ET METHODE DE FABRICATION ASSOCIEE**
[72] REMER, NIKLAS, DE
[72] BORTOLOTTO, LAURENT, DE
[72] JURGENS, MICHAEL, DE
[72] EHARD, STEFAN, DE
[73] AIRBUS HELICOPTERS DEUTSCHLAND GMBH, DE
[73] AIRBUS DEFENCE AND SPACE GMBH, DE
[73] REMER, NIKLAS, ZZ
[73] BORTOLOTTO, LAURENT, ZZ
[73] JURGENS, MICHAEL, ZZ
[73] EHARD, STEFAN, ZZ
[86] (2925672)
[87] (2925672)
[22] 2016-03-31
[30] EP (15400017.8) 2015-04-16

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[13] A1
[51] **Int.Cl. G09B 9/32 (2006.01) G02B 27/18 (2006.01)**
[25] EN
[54] **SEAM FOR VISUALLY SUPPRESSING A GAP BETWEEN TWO ADJACENT REFLECTIVE SURFACES**
[54] **JOINT DE SUPPRESSION VISUELLE D'UN ESPACE ENTRE DEUX SURFACES REFLECHISSANTES ADJACENTES**
[72] NORTON, PAUL, CA
[73] CAE INC, CA
[73] NORTON, PAUL, CA
[86] (2925796)
[87] (2925796)
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[13] A1
[51] **Int.Cl. E01C 19/08 (2006.01)**
[25] EN
[54] **MULTIPLE BURNER ZONE CONTROLLED ASPHALT HEATING HOOD**
[54] **HOTTE DE CHAUFFAGE D'ASPHALTE DOTEE DE PLUSIEURS ZONES DE CHAUFFAGE CONTROLE**
[72] MILES, JOHN, US
[73] CUTLER REPAVING, INC., US
[73] MILES, JOHN, ZZ
[86] (2925920)
[87] (2925920)
[22] 2016-04-04
[30] US (14/942,016) 2015-11-16

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[13] A1
[51] **Int.Cl. H01M 10/48 (2006.01) G01R 31/36 (2006.01)**
[25] EN
[54] **TESTING DEVICE AND TESTING METHOD FOR SHEET-SHAPED CELL**
[54] **DISPOSITIF D'ESSAI DE BATTERIE EN FEUILLE ET PROCEDE D'ESSAI DE BATTERIE EN FEUILLE**
[72] SAITO, TOMOKAZU, JP
[72] TSUNOKUNI, KAZUYUKI, JP
[72] HIWADA, KIYOYASU, JP
[73] KABUSHIKI KAISHA NIHON MICRONICS, JP
[73] SAITO, TOMOKAZU, ZZ
[73] TSUNOKUNI, KAZUYUKI, ZZ
[73] HIWADA, KIYOYASU, ZZ
[85] 2016-04-04
[86] 2014-07-31 (PCT/JP2014/070247)
[87] (WO2016/017008)

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[51] **Int.Cl. E21B 33/12 (2006.01) E21B 33/122 (2006.01)**
[25] EN
[54] **SWELLABLE SEAL WITH UNDULATING BACKUP**
[54] **JOINT GONFLABLE A ENDOS ONDULANT**
[72] STOKES, MATTHEW BRADLEY, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[73] STOKES, MATTHEW BRADLEY, ZZ
[85] 2016-04-05
[86] 2013-11-06 (PCT/US2013/068776)
[87] (WO2015/069242)

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[13] A1
[51] **Int.Cl. E21B 47/00 (2012.01) B08B 9/027 (2006.01) E21B 37/00 (2006.01)**
[25] EN
[54] **METHOD FOR WAX REMOVAL AND MEASUREMENT OF WAX THICKNESS**
[54] **PROCEDE DE RETRAIT DE CIRE ET DE MESURE DE L'EPAISSEUR DE CIRE**
[72] HOFFMAN, RAINER, NO
[72] AMUNDSEN, LENE, NO
[73] STATOIL PETROLEUM AS, NO
[73] HOFFMAN, RAINER, ZZ
[73] AMUNDSEN, LENE, ZZ
[86] (2926502)
[87] (2926502)
[22] 2008-10-20
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[30] NO (20075366) 2007-10-19

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[51] **Int.Cl. C08F 220/24 (2006.01) C08F 220/18 (2006.01) C08F 222/10 (2006.01)**
[25] EN
[54] **SOFT HYDROPHOBIC ACRYLIC MATERIALS**
[54] **MATERIAUX ACRYLIQUES HYDROPHOBES DOUX**
[72] JIANG, XUWEI, US
[72] SCHLUETER, DOUGLAS, US
[73] NOVARTIS AG, CH
[73] JIANG, XUWEI, ZZ
[73] SCHLUETER, DOUGLAS, ZZ
[85] 2016-04-14
[86] 2014-12-02 (PCT/US2014/068052)
[87] (WO2015/084786)
[30] US (61/911,549) 2013-12-04

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[13] A1
[51] **Int.Cl. B60W 30/00 (2006.01) B60W 30/10 (2006.01) B60W 30/18 (2012.01)**
[25] EN
[54] **AUTOMATIC DRIVING VEHICLE SYSTEM**
[54] **DISPOSITIF DESTINE A UN VEHICULE A ENTRAINEMENT AUTOMATIQUE**
[72] KINDO, TOSHIKI, JP
[72] WATANABE, YOSHINORI, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[73] KINDO, TOSHIKI, ZZ
[73] WATANABE, YOSHINORI, ZZ
[86] (2928073)
[87] (2928073)
[22] 2016-04-25
[30] JP (2015-090260) 2015-04-27

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[13] A1
[51] **Int.Cl. A62B 35/00 (2006.01)**
[25] EN
[54] **POLE CLIMBING FALL RESTRICTION ASSEMBLY**
[54] **MECANISME DE RESTRICTION DE CHUTE LORS DE L'ESCALADE DE POTEAU**
[72] TRUESDELL, KEVIN W., US
[72] RULLO, JAMES J., US
[73] BUCKINGHAM MANUFACTURING COMPANY, INC., US
[73] TRUESDELL, KEVIN W., ZZ
[73] RULLO, JAMES J., ZZ
[86] (2928079)
[87] (2928079)
[22] 2016-04-25
[30] US (62/152,103) 2015-04-24

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[51] **Int.Cl. B32B 1/04 (2006.01) B32B 3/10 (2006.01) B32B 3/22 (2006.01)**
[25] EN
[54] **CONSTRUCT WITH STIFFENING FEATURES**
[54] **CONSTRUCTION A CARACTERISTIQUES DE RAIDISSAGE**
[72] SLOAT, JEFFREY T., US
[72] WILSON, WESTON R., US
[72] FITZWATER, KELLY R., US
[73] GRAPHIC PACKAGING INTERNATIONAL, INC., US
[73] SLOAT, JEFFREY T., ZZ
[73] WILSON, WESTON R., ZZ
[73] FITZWATER, KELLY R., ZZ
[85] 2016-04-19
[86] 2014-12-16 (PCT/US2014/070488)
[87] (WO2015/095120)
[30] US (61/963,866) 2013-12-16

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[13] A1
[51] **Int.Cl. E21B 43/12 (2006.01) E21B 28/00 (2006.01) E21B 43/263 (2006.01)**
[25] EN
[54] **METHOD FOR EXTRACTING METHANE FROM COAL BEDS AND FROM PENETRATING ROCK ENCLOSING A COAL BED**
[54] **PROCEDE D'EXTRACTION DE METHANE A PARTIR DE VEINE DE HOUILLE ET DE ROCHE PERMEABLES COMPRENANT UNE VEINE DE HOUILLE**
[72] AGEEV, PETR GEORGIYEVICH, RU
[72] AGEEV, NIKITA PETROVICH, RU
[73] "GEOREZONANS" LTD., RU
[73] AGEEV, PETR GEORGIYEVICH, ZZ
[73] AGEEV, NIKITA PETROVICH, ZZ
[85] 2016-04-26
[86] 2015-03-27 (PCT/RU2015/000188)
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[51] **Int.Cl. C01B 3/32 (2006.01) B01J 12/00 (2006.01) B01J 19/00 (2006.01) B01J 19/24 (2006.01) C01B 3/38 (2006.01) H01M 8/06 (2016.01) H01M 8/24 (2016.01)**
[25] EN
[54] **REFORMER WITH PEROVSKITE AS STRUCTURAL COMPONENT THEREOF**
[54] **REFORMEUR AVEC PEROVSKITE EN TANT QUE COMPOSANT STRUCTUREL DE CELUI-CI**
[72] FINNERTY, CAINE M., US
[72] DEWALD, PAUL, US
[73] WATT FUEL CELL CORP., US
[73] FINNERTY, CAINE M., ZZ
[73] DEWALD, PAUL, ZZ
[85] 2016-04-28
[86] 2014-11-04 (PCT/US2014/063817)
[87] (WO2015/069621)
[30] US (61/900,529) 2013-11-06
[30] US (61/900,510) 2013-11-06
[30] US (61/900,543) 2013-11-06
[30] US (61/900,552) 2013-11-06

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[51] **Int.Cl. C01B 3/32 (2006.01) B01J 4/00 (2006.01) B01J 12/00 (2006.01) B01J 19/00 (2006.01) B01J 19/24 (2006.01) C01B 3/38 (2006.01) H01M 8/06 (2016.01) H01M 8/24 (2016.01)**
[25] EN
[54] **MULTI-TUBULAR CHEMICAL REACTOR WITH IGNITER FOR INITIATION OF GAS PHASE EXOTHERMIC REACTIONS**
[54] **REACTEUR CHIMIQUE MULTITUBULAIRE A ALLUMEUR POUR LE DECLENCHEMENT DE REACTIONS EXOTHERMIQUES EN PHASE GAZEUSE**
[72] FINNERTY, CAINE M., US
[72] DEWALD, PAUL, US
[73] WATT FUEL CELL CORP., US
[73] FINNERTY, CAINE M., ZZ
[73] DEWALD, PAUL, ZZ
[85] 2016-05-03
[86] 2014-11-06 (PCT/US2014/064238)
[87] (WO2015/069835)
[30] US (61/900,510) 2013-11-06
[30] US (61/900,543) 2013-11-06

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[51] **Int.Cl. C01B 3/32 (2006.01) B01J 4/00 (2006.01) B01J 8/02 (2006.01) B01J 8/06 (2006.01) B01J 8/18 (2006.01) B01J 12/00 (2006.01) B01J 19/00 (2006.01) B01J 19/24 (2006.01) C01B 3/38 (2006.01) H01M 8/06 (2016.01)**
[25] EN
[54] **CHEMICAL REACTOR WITH MANIFOLD FOR MANAGEMENT OF A FLOW OF GASEOUS REACTION MEDIUM THERETO**
[54] **REACTEUR CHIMIQUE DOTE D'UN COLLECTEUR POUR LA REGULATION DE L'ECOULEMENT D'UN FLUIDE REACTIONNEL GAZEUX ENTRANT**
[72] FINNERTY, CAINE M., US
[72] DEWALD, PAUL, US
[73] WATT FUEL CELL CORP., US
[73] FINNERTY, CAINE M., ZZ
[73] DEWALD, PAUL, ZZ
[85] 2016-05-05
[86] 2014-11-05 (PCT/US2014/064116)
[87] (WO2015/069762)
[30] US (61/900,543) 2013-11-06
[30] US (61/900,510) 2013-11-06

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[13] A1
[51] **Int.Cl. H04W 4/10 (2009.01) H04W 64/00 (2009.01) H04W 74/00 (2009.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR MANAGING MASS REGISTRATION SCENARIO IN TWO-WAY RADIO SYSTEM**
[54] **PROCEDE ET SYSTEME POUR GERER UN SCENARIO D'ENREGISTREMENT EN MASSE DANS UN SYSTEME RADIO BIDIRECTIONNEL**
[72] ROUSSEV, ALEXANDER D., US
[72] BOHN, THOMAS B., US
[73] MOTOROLA SOLUTIONS, INC., US
[73] ROUSSEV, ALEXANDER D., ZZ
[73] BOHN, THOMAS B., ZZ
[85] 2016-05-19
[86] 2014-11-19 (PCT/US2014/066326)
[87] (WO2015/080914)
[30] US (14/090,341) 2013-11-26

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[13] A1
[51] **Int.Cl. G06Q 20/40 (2012.01) G06Q 30/06 (2012.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR PROCESSING A DISCOUNT**
[54] **PROCEDE ET SYSTEME DE TRAITEMENT D'UN RABAIS**
[72] POWELL, JONATHAN ROBERT, US
[73] MASTERCARD INTERNATIONAL INCORPORATED, US
[73] POWELL, JONATHAN ROBERT, ZZ
[85] 2016-05-19
[86] 2014-11-19 (PCT/US2014/066415)
[87] (WO2015/077340)
[30] US (61/906,582) 2013-11-20
[30] US (14/547,872) 2014-11-19

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[13] A1
[51] **Int.Cl. C08G 59/40 (2006.01) C09D 163/00 (2006.01) C09J 163/00 (2006.01)**
[25] EN
[54] **CURABLE COMPOSITIONS THAT INCLUDE HYDRAZIDE FUNCTIONAL MATERIALS**
[54] **COMPOSITIONS DURCISSABLES CONTENANT DES MATERIAUX FONCTIONNELS HYDRAZIDE**
[72] ZHOU, HONGYING, US
[72] CHAO, TIEN-CHIEH, US
[72] SWARUP, SHANTI, US
[72] XU, XIANGLING, US
[73] PPG INDUSTRIES OHIO, INC., US
[73] ZHOU, HONGYING, ZZ
[73] CHAO, TIEN-CHIEH, ZZ
[73] SWARUP, SHANTI, ZZ
[73] XU, XIANGLING, ZZ
[85] 2016-05-19
[86] 2014-11-20 (PCT/US2014/066514)
[87] (WO2015/077399)
[30] US (14/084,975) 2013-11-20

[11] **2,931,384**
[13] A1
[51] **Int.Cl. A61D 1/02 (2006.01)**
[25] EN
[54] **HOLDER APPARATUS FOR AVIAN BIRDS, AND ASSOCIATED METHOD**
[54] **APPAREIL DE RETENUE POUR OISEAUX ET PROCEDE ASSOCIE**
[72] SAMSON, WILLIAM DOUGLAS, US
[72] KENNEDY, DANIEL LEE, US
[73] SAMSON, WILLIAM DOUGLAS, ZZ
[73] KENNEDY, DANIEL LEE, ZZ
[73] ZOETIS SERVICES LLC, US
[85] 2016-05-20
[86] 2014-11-20 (PCT/US2014/066581)
[87] (WO2015/077437)
[30] US (61/908,197) 2013-11-25
[30] US (62/038,904) 2014-08-19

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[13] A1
[51] **Int.Cl. A42B 1/04 (2006.01) A42B 1/00 (2006.01) A42B 1/02 (2006.01)**
[25] EN
[54] **HEADWEAR ITEM COMPRISING HAIR LOCATING SECTIONS FOR LOCATING A BUNDLE OF HAIR AT DIFFERENT POSITIONS ON A WEARER'S HEAD**
[54] **ARTICLE DE COIFFURE COMPORTANT DES SECTIONS DE POSITIONNEMENT DE CHEVEUX DESTINE A POSITIONNER UNE COUETTE DE CHEVEUX A DIFFERENTES POSITIONS**
[72] MATTHEWS, MACKENZIE RAE, CA
[73] MATTHEWS, MACKENZIE RAE, CA
[86] (2931451)
[87] (2931451)
[22] 2016-05-30
[30] US (62/192,261) 2015-07-14

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[13] A1
[51] **Int.Cl. A61K 9/00 (2006.01) A61K 31/565 (2006.01) A61K 31/569 (2006.01) A61K 47/32 (2006.01)**
[25] EN
[54] **DRUG DELIVERY SYSTEM**
[54] **SYSTEME D'ADMINISTRATION DE MEDICAMENT.**
[72] VERHOEVEN, WILLY J. H., NL
[72] DE GRAAFF, WOUTER, NL
[73] MERCK SHARP & DOHME B.V., NL
[73] VERHOEVEN, WILLY J. H., ZZ
[73] DE GRAAFF, WOUTER, ZZ
[85] 2016-05-25
[86] 2014-12-08 (PCT/EP2014/076823)
[87] (WO2015/086491)
[30] US (61/914,500) 2013-12-11
[30] EP (13196737.4) 2013-12-12

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[13] A1
[51] **Int.Cl. E21B 17/02 (2006.01) E21B 19/16 (2006.01)**
[25] EN
[54] **THREADED CONNECTION WITH HIGH BEND AND TORQUE CAPACITIES**
[54] **RACCORD FILETE COMPORTANT DES CAPACITES ELEVEES DE COURBURE ET DE COUPLE**
[72] FINKE, MICHAEL DEWAYNE, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[73] FINKE, MICHAEL DEWAYNE, ZZ
[85] 2016-05-25
[86] 2013-12-27 (PCT/US2013/077942)
[87] (WO2015/099757)

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[13] A1
[51] **Int.Cl. E21B 43/24 (2006.01)**
[25] EN
[54] **METHOD FOR FORCED STEAM CYCLE PREHEATING DUAL HORIZONTAL WELL IN MIDDLE-DEEP LAYER RESERVOIR UNDER A CONSTANT TEMPERATURE DIFFERENCE**
[54] **PROCEDE DE CHAUFFAGE FORCE D'UN CYCLE VAPEUR DESTINE A UN PUITS HORIZONTAL DANS LA COUCHE MOYENNE INFERIEURE D'UN RESERVOIR A DIFFERENCE DE TEMPERATURE CONSTANTE**
[72] YANG, LIQIANG, CN
[72] YANG, JIANPING, CN
[72] LIANG, JIANYU, CN
[72] WANG, HONGYUAN, CN
[72] YAN, XU, CN
[72] HOU, GUORU, CN
[72] WEI, YAO, CN
[73] PETROCHINA COMPANY LIMITED, CN
[73] YANG, LIQIANG, ZZ
[73] YANG, JIANPING, ZZ
[73] LIANG, JIANYU, ZZ
[73] WANG, HONGYUAN, ZZ
[73] YAN, XU, ZZ
[73] HOU, GUORU, ZZ
[73] WEI, YAO, ZZ
[85] 2016-05-27
[86] 2013-11-28 (PCT/CN2013/088023)
[87] (WO2015/077954)

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[13] A1
[51] **Int.Cl. F41A 21/02 (2006.01) B32B 1/08 (2006.01) F41A 21/04 (2006.01) F41A 21/20 (2006.01)**
[25] EN
[54] **FIBER WINDING SYSTEM FOR COMPOSITE PROJECTILE BARREL STRUCTURE**
[54] **SYSTEME D'ENROULEMENT DE FIBRE POUR STRUCTURE DE TYPE CANON COMPOSITE POUR PROJECTILE**
[72] LINCOLN, JASON E., US
[72] CURLISS, DAVID B., US
[73] PROOF RESEARCH, INC., US
[73] LINCOLN, JASON E., ZZ
[73] CURLISS, DAVID B., ZZ
[85] 2016-06-07
[86] 2014-12-09 (PCT/US2014/069403)
[87] (WO2015/130379)
[30] US (61/913,825) 2013-12-09

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[13] A1
[51] **Int.Cl. E04C 2/30 (2006.01) E04B 1/14 (2006.01) E04G 21/00 (2006.01)**
[25] EN
[54] **PRECAST MODULAR CONCRETE WALL PANEL, SYSTEM THEREOF, AND METHOD OF CONSTRUCTION**
[54] **PANNEAU MURAL EN BETON MODULAIRE PREFABRIQUE, SON SYSTEME, ET PROCEDE DE CONSTRUCTION**
[72] HOU, JIANQUN, CN
[72] WU, YAZHI, CN
[73] ARCHITECTURAL DESIGN AND RESEARCH INSTITUTE OF TSINGHUA UNIVERSITY, CN
[73] JAVITA (SHANGHAI) NEW ENERGY INVESTMENT CO., LTD., CN
[73] HOU, JIANQUN, CN
[73] WU, YAZHI, CN
[85] 2016-06-09
[86] 2014-12-16 (PCT/CN2014/093996)
[87] (WO2015/090190)
[30] CN (201310687043.7) 2013-12-16
[30] CN (201310688094.1) 2013-12-16
[30] CN (201310690173.6) 2013-12-16

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[51] **Int.Cl. G10H 1/34 (2006.01) G10H 3/18 (2006.01) G10H 1/00 (2006.01)**
[25] EN
[54] **PEDAL BOARD CONNECTION SYSTEM FOR MUSICAL INSTRUMENTS**
[54] **SYSTEME DE CONNEXION DE PEDALIER DESTINE A DES INSTRUMENTS DE MUSIQUE**
[72] MAIDA, JAMES, US
[72] MAYO, GERARD, AU
[73] MAYTECH MUSIC SYSTEMS PTY LTD, AU
[73] MAIDA, JAMES, ZZ
[73] MAYO, GERARD, ZZ
[85] 2016-06-10
[86] 2014-05-08 (PCT/US2014/037353)
[87] (WO2014/182936)
[30] US (61/821,017) 2013-05-08
[30] AU (2013270633) 2013-12-16

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[13] A1
[51] **Int.Cl. F16J 15/02 (2006.01) F16J 15/3232 (2016.01)**
[25] EN
[54] **SEALING GASKET AND METHOD FOR CREATING SAME**
[54] **JOINT D'ETANCHEITE ET METHODE DE CREATION ASSOCIEE**
[72] HEPGUVENDIK, HASAN ALPER, CA
[72] LOGAN, AARON WILLIAM, CA
[72] LOGAN, JUSTIN CHRISTOPHER, CA
[72] LEE, GAVIN, CA
[72] STACK, LUKE ANTHONY, CA
[72] MIRAKI, MOJTABA KAZEMI, CA
[72] DERKACZ, PATRICK ROBERT, CA
[72] AHMOYE, DANIEL WILLIAM, CA
[73] EVOLUTION ENGINEERING INC., CA
[73] HEPGUVENDIK, HASAN ALPER, CA
[73] LOGAN, AARON WILLIAM, CA
[73] LOGAN, JUSTIN CHRISTOPHER, CA
[73] LEE, GAVIN, CA
[73] STACK, LUKE ANTHONY, CA
[73] MIRAKI, MOJTABA KAZEMI, CA
[73] DERKACZ, PATRICK ROBERT, CA
[73] AHMOYE, DANIEL WILLIAM, CA
[86] (2933720)
[87] (2933720)
[22] 2016-06-20
[30] US (62/183683) 2015-06-23

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[13] A1
[51] **Int.Cl. E04F 15/10 (2006.01) B23B 27/06 (2006.01)**
[25] EN
[54] **GLUE-FREE ANTISLIP PLASTIC FLOORBOARD AND MANUFACTURING METHOD THEREOF**
[54] **REVETEMENT DE SOL EN PLASTIQUE ANTIDERAPANT SANS COLLE ET SON PROCEDE DE FABRICATION**
[72] ZHANG, XIAOLING, CN
[72] XIAO, ZHIYUAN, CN
[73] ZHANG, XIAOLING, CN
[73] XIAO, ZHIYUAN, ZZ
[85] 2016-06-17
[86] 2014-04-04 (PCT/CN2014/074805)
[87] (WO2015/089958)
[30] CN (201310699337.1) 2013-12-19

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[13] A1
[51] **Int.Cl. H04N 19/159 (2014.01) H04N 19/12 (2014.01) H04N 19/129 (2014.01)**
[25] EN
[54] **IMAGE ENCODING APPARATUS**
[54] **APPAREIL DE CODAGE D'IMAGE**
[72] OH, SOO MI, KR
[72] YANG, MOONOCK, SG
[73] M&K HOLDINGS INC., KR
[73] OH, SOO MI, ZZ
[73] YANG, MOONOCK, ZZ
[86] (2935176)
[87] (2935176)
[22] 2011-04-22
[62] 2,797,047
[30] KR (10-2010-0038158) 2010-04-23

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[51] **Int.Cl. A43B 13/38 (2006.01) A43B 5/16 (2006.01) A43B 7/14 (2006.01)**
[25] EN
[54] **INSOLE FOR SPORT FOOTWEAR**
[54] **SEMELLE INTERIEURE POUR CHAUSSURE DE SPORT**
[72] LAFRAMBOISE, STEVE, CA
[72] MOSHOPOULOS, JOHN, CA
[73] CORRECT MOTION INC., CA
[73] LAFRAMBOISE, STEVE, ZZ
[73] MOSHOPOULOS, JOHN, ZZ
[85] 2016-06-30
[86] 2014-08-21 (PCT/CA2014/000654)
[87] (WO2015/106334)
[30] US (61/928,544) 2014-01-17

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[13] A1
[51] **Int.Cl. B29C 43/00 (2006.01) C08L 99/00 (2006.01)**
[25] EN
[54] **METHOD FOR PREPARING A POWDER FROM BROWN MACROALGAE AND METHOD FOR FABRICATING RIGID OBJECTS FROM SAID POWDER**
[54] **METHODE DE PREPARATION D'UNE POUDRE A PARTIR D'UNE MICROALGUE BRUNE ET METHODE DE FABRICATION D'OBJETS RIGIDES A PARTIR DE LADITE POUDRE**
[72] LUCAS, REMY, FR
[73] ALGOPACK, FR
[73] LUCAS, REMY, ZZ
[85] 2016-07-05
[86] 2014-02-20 (PCT/FR2014/050353)
[87] (WO2014/128411)
[30] FR (1351467) 2013-02-20

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[13] A1
[51] **Int.Cl. G02B 6/38 (2006.01)**
[25] EN
[54] **OPTICAL FIBER CONNECTOR AND OPTICAL FIBER CONNECTOR COMPONENT SYSTEM**
[54] **CONNECTEUR DE FIBRES OPTIQUES ET SYSTEME DE COMPOSANTS DE CONNECTEUR DE FIBRES OPTIQUES**
[72] YAN, XIONGWEI, CN
[72] LAN, XIAOBO, CN
[72] FU, XIN, CN
[72] HU, JIANPENG, CN
[72] CHEN, SHIRONG, CN
[72] XIONG, YU, CN
[73] HUAWEI TECHNOLOGIES CO., LTD., CN
[73] YAN, XIONGWEI, ZZ
[73] LAN, XIAOBO, ZZ
[73] FU, XIN, ZZ
[73] HU, JIANPENG, ZZ
[73] CHEN, SHIRONG, ZZ
[73] XIONG, YU, ZZ
[85] 2016-07-11
[86] 2014-07-14 (PCT/CN2014/082157)
[87] (WO2015/106550)
[30] CN (201410016155.4) 2014-01-14

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[13] A1
[51] **Int.Cl. E21B 23/01 (2006.01)**
[25] EN
[54] **HYDRAULIC ANCHOR FOR DOWNHOLE PACKER**
[54] **ANCRAGE HYDRAULIQUE POUR GARNITURE DE FOND**
[72] DEWARS, COLIN, US
[72] SCOTT, PHILIP, US
[72] SCOTT, STEVEN, US
[73] TAM INTERNATIONAL, INC., US
[73] DEWARS, COLIN, ZZ
[73] SCOTT, PHILIP, ZZ
[73] SCOTT, STEVEN, ZZ
[85] 2016-07-11
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[54] **SYSTEME D'ALIMENTATION EN GAZ ET STATION-SERVICE A HYDROGENE**
[72] NAGURA, KENJI, JP
[72] KAKIUCHI, TETSUYA, JP
[72] OKUNO, TAKASHI, JP
[72] NOISHIKI, KOJI, JP
[72] FUJISAWA, AKITOSHI, JP
[72] MIURA, SHINICHI, JP
[73] KABUSHIKI KAISHA KOBE SEIKO SHO (KOBE STEEL, LTD.), JP
[73] NAGURA, KENJI, ZZ
[73] KAKIUCHI, TETSUYA, ZZ
[73] OKUNO, TAKASHI, ZZ
[73] NOISHIKI, KOJI, ZZ
[73] FUJISAWA, AKITOSHI, ZZ
[73] MIURA, SHINICHI, ZZ
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[54] **PROCESS FOR PRODUCING POLYCRYSTALLINE SILICON**
[54] **PROCEDE DE PRODUCTION DE SILICIUM POLYCRISTALLIN**
[72] VIETZ, MATTHIAS, AT
[73] WACKER CHEMIE AG, DE
[73] VIETZ, MATTHIAS, ZZ
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[54] **CABLE CAR SYSTEM**
[54] **INSTALLATION DE TELEPHERIQUE**
[72] DUR, GERD, AT
[73] INNOVA PATENT GMBH, AT
[73] DUR, GERD, ZZ
[85] 2016-08-17
[86] 2014-12-04 (PCT/AT2014/000217)
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[54] **HYDROGEN PRODUCTION PROCESS FOR COLD CLIMATES**
[54] **PROCEDE DE PRODUCTION D'HYDROGENE DESTINE AUX CLIMATS FROIDS**
[72] DAVIS, RUTH ANN, US
[72] SIWATCH, TANYA MOHAN, US
[73] AIR PRODUCTS AND CHEMICALS, INC., US
[73] DAVIS, RUTH ANN, ZZ
[73] SIWATCH, TANYA MOHAN, ZZ
[86] (2940432)
[87] (2940432)
[22] 2016-08-29
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[25] EN
[54] **ENGINE COOLANT CIRCUIT**
[54] **CIRCUIT DE LIQUIDE DE REFROIDISSEMENT DE MOTEUR**
[72] NARIYASU, HIROKI, JP
[72] FUKUDA, KENICHI, JP
[72] TERADA, RURIKO, JP
[73] NARIYASU, HIROKI, ZZ
[73] FUKUDA, KENICHI, ZZ
[73] TERADA, RURIKO, ZZ
[73] YANMAR CO., LTD., JP
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[54] **SYSTEMS AND METHODS FOR MANAGING INVENTORY FOR HEALTH CARE ORGANIZATIONS**
[54] **SYSTEMES ET METHODES DE GESTION DES STOCKS DESTINES AUX ORGANISMES DE SOINS DE SANTE**
[72] BHATTI, RAVIPAL SINGH, CA
[73] SOWINGO.COM CORP., CA
[73] BHATTI, RAVIPAL SINGH, CA
[85] 2016-10-04
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[54] **COMPOSITIONS AND METHODS FOR WATER-RESISTANT GYPSUM FIBER PRODUCTS**
[54] **COMPOSITIONS ET PROCEDES POUR PRODUITS FIBREUX DE GYPSE RESISTANT A L'EAU**
[72] BLACKBURN, DAVID R., US
[72] XU, YUFENG, US
[73] UNITED STATES GYPSUM COMPANY, US
[73] BLACKBURN, DAVID R., ZZ
[73] XU, YUFENG, ZZ
[85] 2016-10-04
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[25] EN
[54] **SMART ROUTING SYNCHRONIZATION SYSTEM AND METHODS FOR SOCIALIZING A SYNTHETIC REBROADCAST AND GROUP STREAM**
[54] **SYSTEME DE SYNCHRONISATION DE ROUTAGE INTELLIGENT ET PROCEDES DE SOCIABILISATION D'UNE REDIFFUSION DE SYNTHESE ET FLUX DE GROUPE**
[72] SAVENOK, ALEXANDER, US
[72] SAVENOK, PAVEL, US
[72] LEEKLEY, GREGORY H., US
[72] SAVENOK, DAVID, US
[72] EASON, HAROLD R., US
[73] REMOTE MEDIA, LLC, US
[73] SAVENOK, ALEXANDER, ZZ
[73] SAVENOK, PAVEL, ZZ
[73] LEEKLEY, GREGORY H., ZZ
[73] SAVENOK, DAVID, ZZ
[73] EASON, HAROLD R., ZZ
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[54] **CHAIN BLOCK**
[54] **PALAN A CHAINE**
[72] SHIROTA, AKINORI, JP
[73] KITO CORPORATION, JP
[73] SHIROTA, AKINORI, ZZ
[85] 2016-11-08
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[54] **TRANSPORT PACK WITH EXPANDABLE LOWER PORTION**
[54] **EMBALLAGE DE TRANSPORT DOTE D'UNE PORTION INFERIEURE EXTENSIBLE**
[72] MUKRI, MOHAMED BASHIR, CN
[73] KINARA INTERNATIONAL, CN
[73] MUKRI, MOHAMED BASHIR, ZZ
[86] (2949288)
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[51] **Int.Cl. B01D 17/02 (2006.01) B01D 17/12 (2006.01)**
[25] EN
[54] **DENSITY PHASE SEPARATION DEVICE**
[54] **DISPOSITIF DE SEPARATION DE PHASES PAR DENSITE**
[72] CRAWFORD, JAMIESON W., US
[72] ATTRI, RAVI, US
[72] BATTLES, CHRISTOPHER A., US
[72] HIRES, GREGORY R., US
[72] BARTFELD, BENJAMIN, US
[73] BECTON, DICKINSON AND COMPANY, US
[73] CRAWFORD, JAMIESON W., ZZ
[73] ATTRI, RAVI, ZZ
[73] BATTLES, CHRISTOPHER A., ZZ
[73] HIRES, GREGORY R., ZZ
[73] BARTFELD, BENJAMIN, ZZ
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[54] **ROPE HOIST**
[54] **PALAN A CABLE**
[72] MITSUI, HIROKI, JP
[73] KITO CORPORATION, JP
[73] MITSUI, HIROKI, ZZ
[85] 2016-12-02
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[25] EN
[54] **IMPALEMENT PREVENTION APPARATUS FOR EXTENDING OVERTOP OF AND AROUND THE EXPOSED ENDS OF A PLURALITY OF SPACED-APART REINFORCING BARS**
[54] **APPAREIL ANTI-EMPALEMENT DESTINE A S'ETENDRE AU-DESSUS ET AUTOUR DES EXTREMITES EXPOSEES D'UNE PLURALITE DE BARRES DE RENFORCEMENT ESPACEES**
[72] HEWLETT, PHIL, CA
[72] MACLEAN, JIM, CA
[73] 0971065 B.C. LTD., CA
[73] HEWLETT, PHIL, CA
[73] MACLEAN, JIM, CA
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[86] 2014-11-03 (PCT/CA2014/051054)
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[25] EN
[54] **METHODS AND SYSTEMS FOR RECOVERY OF CO2 GAS IN CEMENT-MANUFACTURING FACILITIES, AND PROCESSES FOR MANUFACTURING CEMENT**
[54] **PROCEDES ET SYSTEMES POUR LA RECUPERATION DE CO2 GAZEUX DANS DES INSTALLATIONS DE FABRICATION DE CIMENT ET PROCEDES DE FABRICATION DE CIMENT**
[72] SHIMA, HIROKAZU, JP
[72] HIGUCHI, NAOHIRO, JP
[72] TAKAYAMA, YOSHINORI, JP
[72] KOMATSU, TAKUYA, JP
[72] WANG, JUNZHU, JP
[73] MITSUBISHI MATERIALS CORPORATION, JP
[73] SHIMA, HIROKAZU, ZZ
[73] HIGUCHI, NAOHIRO, ZZ
[73] TAKAYAMA, YOSHINORI, ZZ
[73] KOMATSU, TAKUYA, ZZ
[73] WANG, JUNZHU, ZZ
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[87] (2956496)
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[25] EN
[54] **FUNCTIONALIZED SILICA WITH ELASTOMER BINDER**
[54] **SILICE FONCTIONNALISEE AVEC UN LIANT ELASTOMERE**
[72] WALLEN, PETER JOHN, US
[72] COLVIN, HOWARD, US
[73] COOPER TIRE & RUBBER COMPANY, US
[73] WALLEN, PETER JOHN, ZZ
[73] COLVIN, HOWARD, ZZ
[85] 2017-02-08
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[25] EN
[54] **METHOD AND SYSTEM FOR OPTIMIZING COKE PLANT OPERATION AND OUTPUT**
[54] **PROCEDE ET SYSTEME D'OPTIMISATION DU FONCTIONNEMENT ET DU RENDEMENT D'UNE COKERIE**
[72] QUANCI, JOHN FRANCIS, US
[72] CHOI, CHUN WAI, US
[72] KESAVAN, PARTHASARATHY, US
[72] RUSSELL, KATHARINE ELIZABETH, US
[72] VICHITVONGSA, KHAMBATH, US
[72] BROMBOLICH, JEFFREY SCOTT, US
[72] MROZOWICZ, RICHARD ALAN, US
[72] GLASS, EDWARD A., US
[73] SUNCOKE TECHNOLOGY AND DEVELOPMENT LLC, US
[73] QUANCI, JOHN FRANCIS, ZZ
[73] CHOI, CHUN WAI, ZZ
[73] KESAVAN, PARTHASARATHY, ZZ
[73] RUSSELL, KATHARINE ELIZABETH, ZZ
[73] VICHITVONGSA, KHAMBATH, ZZ
[73] BROMBOLICH, JEFFREY SCOTT, ZZ
[73] MROZOWICZ, RICHARD ALAN, ZZ
[73] GLASS, EDWARD A., ZZ
[85] 2017-02-24
[86] 2015-08-28 (PCT/US2015/047522)
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[54] **MICROWAVE OVEN**
[54] **FOUR A MICRO-ONDES**
[72] CHO, JAEMAN, CN
[72] LING, QIHONG, CN
[72] MAO, YONGNAN, CN
[72] AN, MINGBO, CN
[73] GUANGDONG MIDEA KITCHEN APPLIANCES MANUFACTURING CO., LTD., CN
[73] MIDEA GROUP CO., LTD., CN
[73] CHO, JAEMAN, ZZ
[73] LING, QIHONG, ZZ
[73] MAO, YONGNAN, ZZ
[73] AN, MINGBO, ZZ
[85] 2017-05-05
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[30] CN (201410853783.8) 2014-12-30
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[25] EN
[54] **AGRICULTURAL ENTERPRISE MANAGEMENT METHOD AND SYSTEM**
[54] **PROCEDE ET SYSTEME DE GESTION D'ENTREPRISE AGRICOLE**
[72] SCHMALTZ, REMI, CA
[72] COOLIDGE, MICHAEL, CA
[72] DONALD, GARTH, CA
[73] DECISIVE FARMING CORP., CA
[73] SCHMALTZ, REMI, CA
[73] COOLIDGE, MICHAEL, CA
[73] DONALD, GARTH, CA
[85] 2017-03-08
[86] 2016-11-02 (PCT/CA2016/051271)
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[25] EN
[54] **METHOD AND APPARATUS FOR MAINTAINING PRIORITY AND QUALITY OF SERVICE ACROSS MULTI-USER DEVICES**
[54] **PROCEDE ET APPAREIL POUR MAINTENIR LA PRIORITE ET LA QUALITE DE SERVICE A TRAVERS DES DISPOSITIFS MULTIUTILISATEUR**
[72] MAO, WEI, US
[72] MILLER, TRENT J., US
[72] SCHULER, FRANCESCA, US
[73] MOTOROLA SOLUTIONS, INC., US
[73] MAO, WEI, ZZ
[73] MILLER, TRENT J., ZZ
[73] SCHULER, FRANCESCA, ZZ
[86] (2968577)
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[25] EN
[54] **CUSTOMIZING THIRD-PARTY CONTENT USING BEACONS ON ONLINE SOCIAL NETWORKS**
[54] **PERSONNALISATION D'UN CONTENU TIERS A L'AIDE DE BALISES SUR DES RESEAUX SOCIAUX EN LIGNE**
[72] LEBEAU, MICHAEL JAMES, US
[72] LESSIN, SAMUEL WHARTON, US
[72] SHIMONI, AMIR, US
[72] BARILLARI, JOSEPH DAVID, US
[72] MODI, MANISH, US
[72] MURILLO, ARLENE GABRIANA, US
[72] NIEWCZAS, MATEUSZ MAREK, US
[72] KALINOWSKI, CAITLIN E., US
[73] FACEBOOK, INC., US
[73] LEBEAU, MICHAEL JAMES, ZZ
[73] LESSIN, SAMUEL WHARTON, ZZ
[73] SHIMONI, AMIR, ZZ
[73] BARILLARI, JOSEPH DAVID, ZZ
[73] MODI, MANISH, ZZ
[73] MURILLO, ARLENE GABRIANA, ZZ
[73] NIEWCZAS, MATEUSZ MAREK, ZZ
[73] KALINOWSKI, CAITLIN E., ZZ
[85] 2017-05-26
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[25] EN
[54] **ORAL MOUNTING FIXTURE**
[54] **ACCESSOIRE PORTE A L'INTERIEUR DE LA CAVITE BUCCALE**
[72] SATAKE, SHUICHI, JP
[73] SATAKE, SHUICHI, JP
[85] 2017-07-05
[86] 2016-01-18 (PCT/JP2016/051263)
[87] (WO2016/117496)
[30] JP (2015-008243) 2015-01-20
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[25] EN
[54] **A METHOD OF CONTROLLING TRANSVERSAL RESONANCE IN A CATENARY, A HOIST DRUM CONTROL SYSTEM AND A MINE DRUM HOIST SYSTEM**
[54] **PROCEDE DE COMMANDE DE RESONANCE TRANSVERSALE DANS UNE CATENAIRE, SYSTEME DE COMMANDE DE TAMBOUR D'EXTRACTION ET SYSTEME DE TAMBOUR D'EXTRACTION**
[72] STEINARSON, APASARA, SE
[72] JOHANSSON, BORJE, SE
[73] ABB SCHWEIZ AG, CH
[73] STEINARSON, APASARA, ZZ
[73] JOHANSSON, BORJE, ZZ
[85] 2017-07-12
[86] 2015-12-16 (PCT/EP2015/080026)
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[25] EN
[54] **MULTI-WAY VALVE AND MULTI-WAY VALVE SKID THEREOF**
[54] **VANNE MULTIVOIE ET PATIN DE VANNE MULTIVOIE ASSOCIE**
[72] WAN, MINGMIN, CN
[72] YAO, JIANSHE, CN
[72] WANG, HAO, CN
[72] ZHU, LIYUN, CN
[72] GAO, ZHI, CN
[73] WUHU KING-BULL INFORTEC PETROLEUM EQUIPMENT CO., LTD, CN
[73] KELAMAYI KING-BULL INFORTEC PETROLEUM EQUIPMENT CO., LTD., CN
[73] WAN, MINGMIN, ZZ
[73] YAO, JIANSHE, ZZ
[73] WANG, HAO, ZZ
[73] ZHU, LIYUN, ZZ
[73] GAO, ZHI, ZZ
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[87] (WO2016/123846)
[30] CN (201510059219.3) 2015-02-04

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[25] EN
[54] **ENVIRONMENTALLY RESISTANT ENCAPSULATED MAT CONSTRUCTION**
[54] **CONSTRUCTION DE NATTE ENCAPSULEE RESISTANT A L'ENVIRONNEMENT**
[72] PENLAND, JOE, JR., US
[72] PENLAND, RUSTIN, US
[72] CALVERT, SCOTT, US
[72] O'BRIEN, THOMAS, US
[73] QUALITY MAT COMPANY, US
[73] PENLAND, JOE, JR., ZZ
[73] PENLAND, RUSTIN, ZZ
[73] CALVERT, SCOTT, ZZ
[73] O'BRIEN, THOMAS, ZZ
[85] 2017-09-25
[86] 2016-02-29 (PCT/US2016/020081)
[87] (WO2016/153734)
[30] US (62/138,127) 2015-03-25
[30] US (62/159,909) 2015-05-11
[30] US (14/839,900) 2015-08-28
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[25] EN
[54] **NON CLOGGING INDUSTRIAL/AGRICULTURAL HINGE**
[54] **CHARNIERE INDUSTRIELLE / AGRICOLE NON SENSIBLE AU BOURRAGE**
[72] CORNELSEN, GILBERT W., CA
[71] CORNELSEN, GILBERT W., CA
[22] 2016-08-29
[41] 2018-02-28

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[13] A1
[51] **Int.Cl. C05F 11/08 (2006.01) C05F 11/00 (2006.01) A23K 10/16 (2016.01) A23K 50/80 (2016.01)**
[25] EN
[54] **AQUATIC NUTRIENT ORGANIC FERTILIZER AND ORGANIC WATER**
[54] **FERTILISANT BIOLOGIQUE NUTRITIF AQUATIQUE ET EAU BIOLOGIQUE**
[72] FUNG, PHIL, CA
[72] RAHMAN, AZIZUR, CA
[71] HIGARDEN INC., CA
[22] 2016-08-29
[41] 2018-02-28

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[13] A1
[51] **Int.Cl. C08J 9/35 (2006.01) C08J 9/224 (2006.01)**
[25] EN
[54] **FOAM PRODUCT**
[54] **PRODUIT DE MOUSSE**
[72] YEH, TZONG IN, US
[71] AGIT GLOBAL IP HOLDINGS, LLC, US
[22] 2016-08-29
[41] 2018-02-28

[21] **2,940,367**
[13] A1
[51] **Int.Cl. B66F 17/00 (2006.01) B66C 1/12 (2006.01) B66C 13/10 (2006.01) B66F 13/00 (2006.01) F16G 11/04 (2006.01) F16G 11/14 (2006.01)**
[25] EN
[54] **APPARATUS INCLUDES ELASTICALLY DEFORMABLE MEMBER HAVING TERMINAL ASSEMBLIES**
[54] **APPAREILLAGE COMPORTANT UN ELEMENT DEFORMABLE ELASTIQUEMENT AYANT DES MECANISMES TERMINAUX**
[72] QUINN, CLAYTON, CA
[72] HILDEBRAND, JAMES D., CA
[71] QUINN, CLAYTON, CA
[71] HILDEBRAND, JAMES D., CA
[22] 2016-08-29
[41] 2018-02-28

[21] **2,940,368**
[13] A1
[51] **Int.Cl. A63B 21/072 (2006.01)**
[25] EN
[54] **WEIGHT TRAINING DEVICE**
[54] **APPAREIL D'ENTRAINEMENT AUX POIDS**
[72] HANSON, KEVIN MORRIS, CA
[71] HANSON, KEVIN MORRIS, CA
[22] 2016-08-29
[41] 2018-02-28

[21] **2,940,370**
[13] A1
[51] **Int.Cl. D21H 19/80 (2006.01) B65D 65/38 (2006.01) D21H 21/16 (2006.01) D21H 21/20 (2006.01) D21H 27/10 (2006.01)**
[25] EN
[54] **COATED PAPER-BASED SUBSTRATE FOR CONTAINERS AND PROCESS FOR MAKING THE SAME**
[54] **SUBSTRAT A BASE DE PAPIER COUCHE DESTINE A DES CONTENANTS ET PROCEDE DE FABRICATION ASSOCIE**
[72] MONGRAIN, YVON, CA
[72] ALLEN, EMILIE, CA
[71] CASCADES SONOCO, INC., CA
[22] 2016-08-25
[41] 2018-02-25

[21] **2,940,375**
[13] A1
[51] **Int.Cl. H04B 10/80 (2013.01) F21K 9/00 (2016.01) H01S 5/00 (2006.01) H04J 11/00 (2006.01) H04L 27/34 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR UNDERWATER ILLUMINATION, SURVEY, AND WIRELESS OPTICAL COMMUNICATIONS**
[54] **SYSTEMES ET METHODES D'ECLAIRAGE, DE SONDAGE ET DE COMMUNICATIONS OPTIQUES SANS FIL SOUS-MARINS**
[72] OOI, BOON S., SA
[72] SHEN, CHAO, SA
[72] OUBEI, HASSAN M., SA
[72] JANJUA, BILAL, SA
[72] NG, TIEN KHEE, SA
[71] KING ABDULLAH UNIVERSITY OF SCIENCE AND TECHNOLOGY, SA
[22] 2016-08-25
[41] 2018-02-25

[21] **2,940,408**
[13] A1
[51] **Int.Cl. G06F 3/14 (2006.01) H04W 88/02 (2009.01) G06F 3/0488 (2013.01)**
[25] EN
[54] **COLLABORATION SYSTEM WITH RASTER-TO-VECTOR IMAGE CONVERSION**
[54] **SYSTEME DE COLLABORATION A CONVERSION D'IMAGE TRAME EN IMAGE VECTEUR**
[72] SKLAROFF, JEFF, CA
[71] SMART TECHNOLOGIES ULC, CA
[22] 2016-08-26
[41] 2018-02-26

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[21] **2,940,434**
[13] A1
[51] **Int.Cl. E21B 7/02 (2006.01) E21B 15/00 (2006.01)**
[25] EN
[54] **CRANE-FREE WALKING MPD SYSTEM**
[54] **SYSTEME MOBILE DE FORAGE SOUS PRESSION SANS GRUE**
[72] LOCK, JASON, CA
[72] GREEN, RON, CA
[71] BEYOND ENERGY SERVICES & TECHNOLOGY CORP., CA
[22] 2016-08-30
[41] 2018-02-28

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[13] A1
[51] **Int.Cl. A47F 5/03 (2006.01) A47F 3/10 (2006.01) A47F 3/11 (2006.01) A47F 11/10 (2006.01)**
[25] EN
[54] **MODULAR ROTATIONAL ILLUMINATED FOODSTUFFS DISPLAY STAND**
[54] **SUPPORT DE PRESENTATION DE PRODUITS ALIMENTAIRES ILLUMINE ROTATIF MODULAIRE**
[72] ALMOND, ROSE-MARIE A., CA
[71] ALMOND, ROSE-MARIE A., CA
[22] 2016-08-30
[41] 2018-02-28

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[13] A1
[51] **Int.Cl. G06Q 30/06 (2012.01) A63F 3/06 (2006.01) A63F 3/08 (2006.01)**
[25] EN
[54] **SELF-SERVIE ELECTRONIC FULFILLMENT METHOD FOR LICENSED RAFFLES**
[54] **METHODE DE REMPLISSAGE ELECTRONIQUE LIBRE-SERVICE DE LOTERIES AUTORISEES**
[72] BURCH, PAUL, CA
[72] PRICE, JODY, CA
[72] DONAUER, JAROD, CA
[71] BURCH, PAUL, CA
[71] PRICE, JODY, CA
[71] DONAUER, JAROD, CA
[22] 2016-08-30
[41] 2018-02-28

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[13] A1
[51] **Int.Cl. C01D 5/02 (2006.01) C01B 17/90 (2006.01) C01D 5/00 (2006.01) C01D 5/16 (2006.01) C02F 1/04 (2006.01)**
[25] EN
[54] **PROCESSES FOR TREATING AQUEOUS COMPOSITIONS COMPRISING LITHIUM SULFATE AND SULFURIC ACID**
[54] **PROCEDE DE TRAITEMENT DE COMPOSITIONS AQUEUSES COMPRENANT DU SULFATE DE LITHIUM ET DE L'ACIDE SULFURIQUE**
[72] MAGNAN, JEAN-FRANCOIS, CA
[72] BOURASSA, GUY, CA
[72] LAROCHE, NICOLAS, CA
[72] OUELLET, BERTIN, CA
[72] BRERETON, CLIVE, CA
[72] BUCHI, STEVEN, CA
[72] NAKA, TSUKI, CA
[71] NEMASKA LITHIUM INC., CA
[22] 2016-08-26
[41] 2018-02-26

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[13] A1
[51] **Int.Cl. A61M 5/20 (2006.01) A61M 5/31 (2006.01)**
[25] EN
[54] **AUTO-INJECTOR**
[54] **AUTO-INJECTEUR**
[72] HAMEL, SIMON, CA
[72] CLOUTIER, SYLVAIN, CA
[72] TREMBLAY, YAN, CA
[72] VIENS, MATHIEU, CA
[71] DUOJECT MEDICAL SYSTEMS INC., CA
[22] 2016-08-29
[41] 2018-02-28

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[13] A1
[51] **Int.Cl. B62M 3/00 (2006.01)**
[25] FR
[54] **MULTI-SIDED BICYCLE LEVER**
[54] **MANIVELLE DE VELO A PLUSIEURS COTES**
[72] TREMBLAY, VINCENT, CA
[71] TREMBLAY, VINCENT, CA
[22] 2016-08-29
[41] 2018-02-28

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[13] A1
[51] **Int.Cl. E21B 33/03 (2006.01) E21B 33/072 (2006.01) E21B 41/00 (2006.01) H02G 3/22 (2006.01)**
[25] EN
[54] **A WELLHEAD ELECTRICAL FEEDTHROUGH SYSTEM**
[54] **SYSTEME D'ALIMENTATION ELECTRIQUE DE TETE DE PUITS**
[72] ABOUELDAHAB, HAZEM, CA
[71] HAWK OILFIELD SERVICES INC., CA
[22] 2016-08-31
[41] 2018-02-28

[21] **2,940,637**
[13] A1
[51] **Int.Cl. C12N 15/115 (2010.01) C07H 21/00 (2006.01) C07K 14/30 (2006.01) C07K 16/12 (2006.01)**
[25] EN
[54] **APTAMERS, NUCLEIC ACID MOLECULES, SYNTHETIC ANTIBODIES AND COMPOSITIONS FOR DETECTING MYCOPLASMA HYOPNEUMONIAE AND TREATING MYCOPLASMA HYOPNEUMONIAE INFECTION**
[54] **APTAMERES, MOLECULES D'ACIDE NUCLEIQUE, ANTICORPS SYNTHETIQUES ET COMPOSITIONS DESTINES A LA DETECTION DES MYCOPLASMA HYOPNEUMONIAE ET AU TRAITEMENT DE L'INFECTION AU MYCOPLASMA HYOPNEUMONIAE**
[72] MARCHAND, NORMAN J., CA
[72] CALTAGIRONE, G. THOMAS, US
[72] LIAO, ALBERT, US
[71] AEROVIRUS TECHNOLOGIES INC., CA
[22] 2016-08-30
[41] 2018-02-28

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[21] **2,940,677**
[13] A1
[51] **Int.Cl. F42B 6/10 (2006.01) F42B 12/74 (2006.01)**
[25] EN
[54] **A LOW RICOCHET, NON-TOXIC AIR GUN BB THAT CAN BE ATTRACTED AND RETAINED BY A MAGNET AND METHOD OF MAKING SAME**
[54] **BALLES BB DE FUSIL A AIR COMPRIME NON TOXIQUES A FAIBLE RICOCHET QUI PEUVENT ETRE ATTIREES ET RETENUES PAR UN AIMANT ET METHODE DE FABRICATION ASSOCIEE**
[72] LEBLANC, RUSSELL, CA
[71] LEBLANC, RUSSELL, CA
[22] 2016-08-29
[41] 2018-02-28

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[21] **2,940,784**
[13] A1
[51] **Int.Cl. F24H 9/20 (2006.01) F24H 1/18 (2006.01)**
[25] EN
[54] **SAFETY POWER CONNECTING SYSTEM AND METHOD FOR ELECTRIC WATER HEATERS**
[54] **SYSTEME DE RACCORDEMENT D'ALIMENTATION DE SECURITE ET METHODE DESTINEE A DES CHAUFFE-EAU ELECTRIQUES**
[72] LESAGE, CLAUDE, CA
[71] MICLAU-S.R.I. INC., CA
[22] 2016-08-31
[41] 2018-02-28

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[21] **2,940,857**
[13] A1
[51] **Int.Cl. A01G 23/00 (2006.01)**
[25] EN
[54] **DETERMINATION OF NUMBER OF TREE STEMS CURRENTLY BEING PROCESSED BY A TIMBER-WORKING DEVICE**
[54] **DETERMINATION DU NOMBRE DE TRONCS D'ARBRE REELLEMENT TRAITES PAR UN APPAREIL DE TRAVAIL DU BOIS D'OEUVRE**
[72] NEEDHAM, JEMMA LEE, NZ
[72] KAYE, BRETT J., NZ
[71] DEERE & COMPANY, US
[22] 2016-09-01
[41] 2018-03-01

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[13] A1
[51] **Int.Cl. A41D 15/00 (2006.01) A41D 1/04 (2006.01) A41D 23/00 (2006.01) A41D 27/00 (2006.01) A41D 27/10 (2006.01)**
[25] EN
[54] **MODULAR GARMENT SYSTEMS**
[54] **SYSTEMES DE VETEMENTS MODULAIRES**
[72] CHIA, FRANCES, CA
[71] CHIA, FRANCES, CA
[22] 2016-09-06
[41] 2018-03-01
[30] US (15254930) 2016-09-01

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[13] A1
[51] **Int.Cl. F16L 55/38 (2006.01) B08B 9/055 (2006.01) F16L 55/30 (2006.01) F28G 1/12 (2006.01) F28G 15/04 (2006.01)**
[25] EN
[54] **PIG PUMPIMG UNIT**
[54] **MODULE DE POMPAGE A PISTON-RACLEUR**
[72] SIVACOE, ORLANDE, CA
[71] SIVACOE, ORLANDE, CA
[22] 2016-09-01
[41] 2018-03-01

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[13] A1
[51] **Int.Cl. A01G 13/02 (2006.01)**
[25] EN
[54] **PLANT PROTECTOR**
[54] **PROTECTEUR DE VEGETAL**
[72] BOYD, LAURA, CA
[72] BOYD, GREGORY, CA
[71] BOYD, LAURA, CA
[71] BOYD, GREGORY, CA
[22] 2016-09-06
[41] 2018-03-03
[30] US (15256519) 2016-09-03

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[13] A1
[51] **Int.Cl. A23L 11/00 (2016.01) A23L 5/10 (2016.01) A23P 30/10 (2016.01)**
[25] EN
[54] **FALAFEL FLASH FRY**
[54] **FRITTURE ECLAIR POUR FALAFEL**
[72] MASSOUD, MICHEL, CA
[71] MASSOUD, MICHEL, CA
[22] 2016-09-01
[41] 2018-03-01

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[21] **2,941,058**
[13] A1
[51] **Int.Cl. F16B 13/06 (2006.01) F16B 13/12 (2006.01)**
[25] EN
[54] **SETTING PLUG FOR DROP-IN ANCHORS**
[54] **BOUCHON DE STABILISATION DESTINE A DES ANCRES DE MOUILLAGE**
[72] COUSINEAU, ROBERT, CA
[71] COUSINEAU, ROBERT, CA
[22] 2016-09-02
[41] 2018-03-02

[21] **2,941,280**
[13] A1
[51] **Int.Cl. G06F 17/30 (2006.01) G06Q 20/06 (2012.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR MAINTAINING A SEGREGATED DATABASE IN A MULTIPLE DISTRIBUTED LEDGER SYSTEM**
[54] **SYSTEME ET METHODE DE MAINTIEN D'UNE BASE DE DONNEES DIVISEE DANS UN SYSTEME DE GRAND LIVRE A COMPTES MULTIPLES DISTRIBUES**
[72] CHAN, PAUL MON-WAH, CA
[72] HALDENBY, PERRY AARON JONES, CA
[72] LEE, JOHN JONG SUK, CA
[71] THE TORONTO-DOMINION BANK, CA
[22] 2016-09-08
[41] 2018-03-02
[30] US (15/255,236) 2016-09-02

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[21] **2,941,551**
[13] A1
[51] **Int.Cl. B44D 3/18 (2006.01)**
[25] EN
[54] **CANVAS STRETCHER BAR FRAMING SYSTEM WITH A BUILT IN BALL SLOT CANVAS FASTENING SYSTEM**
[54] **SYSTEME DE STRUCTURE DE BARRE DE CIVIERE EN CANEVAS DOTE D'UN MECANISME DE FIXATION DE CANEVAS A FENTE A BILLE INTEGREE**
[72] UNKNOWN, ZZ
[71] BESPALKO, CHRISTOPHER J., CA
[22] 2016-08-31
[41] 2018-02-28

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[21] **2,941,576**
[13] A1
[51] **Int.Cl. B60H 1/22 (2006.01) B60P 3/36 (2006.01)**
[25] EN
[54] **IMPROVED COMPOSITE AUXILIARY DIESEL HEATER AND METHOD OF OPERATING SAME**
[54] **APPAREIL DE CHAUFFAGE DIESEL AUXILIAIRE COMPOSITE AMELIORE ET METHODE D'EXPLOITATION ASSOCIEE**
[72] KIAROSTAMI, NADER, CA
[72] JOHNSON, VICTOR W., CA
[72] SONAVI, REZA, CA
[71] INTERNATIONAL THERMAL RESEARCH LTD., CA
[22] 2016-08-31
[41] 2018-02-28

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[21] **2,943,207**
[13] A1
[51] **Int.Cl. A47B 21/013 (2006.01) A47B 9/00 (2006.01) A47B 21/04 (2006.01) F16M 11/04 (2006.01)**
[25] EN
[54] **CONFIGURABLE WORKSTATION**
[54] **POSTE DE TRAVAIL CONFIGURABLE**
[72] VANDER PARK, ANTONIUS A., CA
[71] NOVA-LINK LIMITED, CA
[22] 2016-09-27
[41] 2018-02-28
[30] US (15/253,284) 2016-08-31

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[13] A1
[51] **Int.Cl. F24H 3/06 (2006.01)**
[25] EN
[54] **FURNACE**
[54] **CHAUDIERE**
[72] HAYNES, DANNY N., US
[72] MILLER, GREGORY A., US
[71] FIRE CHIEF INDUSTRIES LLC, US
[22] 2016-10-11
[41] 2018-02-25
[30] US (15/247,640) 2016-08-25

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[21] **2,945,564**
[13] A1
[51] **Int.Cl. B60W 40/02 (2006.01) B60W 40/06 (2012.01)**
[25] EN
[54] **ROADWAY INFORMATION DETECTION SENSOR DEVICE/SYSTEM FOR AUTONOMOUS VEHICLES**
[54] **DISPOSITIF/SYSTEME DE DETECTEUR D'INFORMATION ROUTIERE DESTINE A DES VEHICULES AUTONOMES**
[72] YEUNG, PETER, CA
[71] YEUNG, PETER, CA
[22] 2016-10-18
[41] 2018-03-01

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[21] **2,946,826**
[13] A1
[51] **Int.Cl. G06F 21/44 (2013.01) H04W 12/08 (2009.01) H04L 9/32 (2006.01)**
[25] EN
[54] **ANONYMOUS PEER-TO-PEER ROUTER SHARING USING ENCRYPTED SERVER-BASED PASSPHRASE ENTRY (HOTSPOTME)**
[54] **PARTAGE DE ROUTEUR POSTE-A-POSTE ANONYME EMPLOYANT UNE ENTREE A PHRASE DE PASSE FONDEE SUR LE SERVEUR ET CHIFFREE (HOTSPOTME)**
[72] SABHARWAL, ROBERT J., US
[71] SABHARWAL, ROBERT J., US
[22] 2016-10-31
[41] 2018-02-28
[30] US (62381750) 2016-08-31

[21] **2,946,908**
[13] A1
[51] **Int.Cl. G10L 19/018 (2013.01)**
[25] EN
[54] **AUDIO FINGERPRINT RECOGNITION APPARATUS, AUDIO FINGERPRINT RECOGNITION METHOD AND NON-TRANSITORY COMPUTER READABLE MEDIUM THEREOF**
[54] **APPAREIL DE RECONNAISSANCE D'EMPREINTE AUDIO, METHODE DE RECONNAISSANCE D'EMPREINTE AUDIO ET SUPPORT INFORMATIQUE NON TRANSITOIRE ASSOCIE**
[72] HUANG, YAO-MIN, TW
[72] CHEN, YU-HAO, TW
[72] LAI, HSIN-I, TW
[71] INSTITUTE FOR INFORMATION INDUSTRY, TW
[22] 2016-10-28
[41] 2018-02-25
[30] TW (105127245) 2016-08-25

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[21] **2,948,234**
[13] A1
[51] **Int.Cl. F28F 13/06 (2006.01) F28F 3/12 (2006.01) F28F 9/24 (2006.01)**
[25] EN
[54] **HEAT EXCHANGER CONSTRUCTIVE ARRANGEMENT**
[54] **DISPOSITION CONSTRUCTIVE D'ECHANGEUR DE CHALEUR**
[72] BETTI, GIUSEPPE, BR
[71] BETTI, GIUSEPPE, BR
[22] 2016-11-09
[41] 2018-02-28
[30] BR (BR 10 2016 019992) 2016-08-30

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[13] A1
[51] **Int.Cl. E21D 21/00 (2006.01) E21D 20/00 (2006.01) E21D 20/02 (2006.01)**
[25] EN
[54] **ROCK BOLT SEAL**
[54] **JOINT DE BOULON A ROCHE**
[72] ADAMS, LYLE KENNETH, CA
[71] ADAMS, LYLE KENNETH, CA
[22] 2017-02-13
[41] 2018-03-01

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[13] A1
[51] **Int.Cl. C02F 9/02 (2006.01) C01B 39/02 (2006.01) C02F 1/28 (2006.01) C02F 1/42 (2006.01) C02F 9/00 (2006.01)**
[25] EN
[54] **WATER TREATMENT UNIT**
[54] **MODULE DE TRAITEMENT DE L'EAU**
[72] CARDINAL, CLIFFORD, CA
[71] CARDINAL, CLIFFORD, CA
[22] 2017-02-21
[41] 2018-03-01

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[21] **2,959,043**
[13] A1
[51] **Int.Cl. E04D 13/10 (2006.01)**
[25] EN
[54] **RETENTION APPARATUS, SYSTEM AND METHOD**
[54] **APPAREIL DE RETENUE, SYSTEME ET METHODE**
[72] KOVACS, TAMAS, US
[71] PMC INDUSTRIES, INC., US
[22] 2017-02-27
[41] 2018-03-01
[30] US (15254892) 2016-09-01

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[13] A1
[51] **Int.Cl. H02J 1/00 (2006.01) H02J 7/02 (2016.01) H02M 7/04 (2006.01)**
[25] EN
[54] **SMART RFID ELECTRICAL POWER CHARGER/ADAPTER SYSTEM**
[54] **SYSTEME DE CHARGEUR/ADAPTATEUR D'ENERGIE ELECTRIQUE RFID INTELLIGENT**
[72] AWHEDA, MOSTAFA, CA
[72] ABDULHADI, ABDULHADI, CA
[71] AWHEDA, MOSTAFA, CA
[71] ABDULHADI, ABDULHADI, CA
[22] 2017-03-03
[41] 2018-02-28
[30] CA (2940467) 2016-08-30

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[13] A1
[51] **Int.Cl. H04N 21/234 (2011.01)**
[25] EN
[54] **HYPERMEDIA APPARATUS AND METHOD**
[54] **APPAREIL HYPERMEDIA ET METHODE**
[72] BEVILACQUA-LINN, MICHAEL, US
[72] BROWN, SEAN, US
[72] CLEARY, PAUL, US
[72] TOMASETTE, KRISTOFER, US
[72] IBANEZ, JOSE, US
[72] SPENLA, BRADLEY, US
[71] COMCAST CABLE COMMUNICATIONS, LLC, US
[22] 2017-04-28
[41] 2018-02-28
[30] US (15/250,278) 2016-08-29

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[13] A1
[51] **Int.Cl. G01S 3/00 (2006.01) G01S 3/14 (2006.01)**
[25] EN
[54] **A METHOD AND APPARATUS FOR DETECTION OF A SIGNAL**
[54] **UNE METHODE ET UN APPAREIL DE DETECTION D'UN SIGNAL**
[72] BARTKO, HENDRIK, DE
[71] ROHDE & SCHWARZ GMBH & CO. KG, DE
[22] 2017-05-15
[41] 2018-02-28
[30] EP (16186478.0) 2016-08-31

[21] **2,968,093**
[13] A1
[51] **Int.Cl. B60S 5/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR VALIDATING AUXILIARY POWER UNIT OR COMPONENTS BY SECURE PIN ONE TIME PASSWORD**
[54] **SYSTEMES ET METHODES DE VALIDATION DE MODULE OU COMPOSANTES D'ALIMENTATION AUXILIAIRE PAR MOT DE PASSE A USAGE UNIQUE A NIP SECURISE**
[72] HOSAMANE, SOMASHEKHAR M. MAHESWARAPPA, US
[72] RAMAKRISHNAPILLAI, JAYAKUMAR, US
[72] GOVINDARAJULU, RAVI, US
[72] CHIKKEGOWDA, LIKHITH, US
[72] KANDAVEL, KARTHIKEYAN, US
[72] GOULD, JAY, US
[71] HONEYWELL INTERNATIONAL INC., US
[22] 2017-05-19
[41] 2018-02-28
[30] US (15/253,061) 2016-08-31

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[13] A1
[51] **Int.Cl. B64C 11/20 (2006.01) C09D 7/63 (2018.01) B64C 27/473 (2006.01) B64D 15/12 (2006.01) C09D 5/24 (2006.01) C09D 201/00 (2006.01) F01D 5/14 (2006.01) F01D 5/28 (2006.01) H01B 1/04 (2006.01) H01B 13/34 (2006.01)**
[25] EN
[54] **ELECTRICALLY CONDUCTIVE MATERIALS FOR HEATING AND DEICING AIRFOILS**
[54] **MATERIAUX ELECTRIQUES CONDUCTEURS DESTINES AU CHAUFFAGE ET AU DEGLACAGE DE PROFILS AERODYNAMIQUES**
[72] KINLEN, PATRICK J., US
[72] YOUNG, KENNETH W., US
[71] THE BOEING COMPANY, US
[22] 2017-05-25
[41] 2018-02-28
[30] US (15/252,056) 2016-08-30

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[13] A1
[51] **Int.Cl. A47K 5/12 (2006.01) B67D 7/60 (2010.01)**
[25] EN
[54] **DISPENSER ASSEMBLY**
[54] **APPAREIL DISTRIBUTEUR**
[72] SANTORO, DONNA M., US
[72] KIRKPATRICK, ANDY LEE, US
[72] KREUTER, KACEY JAMES, US
[72] KOCIS, STEPHEN JOHN, US
[72] TORIBIO, ANTHONY, US
[72] BABIARZ, BRITT, US
[72] PEEK, WILLIAM J., US
[71] VI-JON, INC., US
[22] 2017-06-05
[41] 2018-02-28
[30] US (15/253,022) 2016-08-31

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[51] **Int.Cl. H04W 4/16 (2009.01) G08B 7/06 (2006.01)**
[25] EN
[54] **A DEVICE AND METHOD FOR AUTOMATIC NOTIFICATION CUSTOMIZATION**
[54] **UN DISPOSITIF ET UNE METHODE DE PERSONNALISATION DE NOTIFICATION AUTOMATIQUE**
[72] WOOD, CHRISTOPHER WILLIAM, CA
[71] BLACKBERRY LIMITED, CA
[22] 2017-06-09
[41] 2018-02-28
[30] US (15/251227) 2016-08-30

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[51] **Int.Cl. B64D 35/00 (2006.01) B64D 27/24 (2006.01) B64D 31/00 (2006.01) B64D 41/00 (2006.01) F02C 7/268 (2006.01) F02C 7/32 (2006.01) F02C 7/36 (2006.01)**
[25] EN
[54] **AIRCRAFT HAVING A GAS TURBINE GENERATOR WITH POWER ASSIST**
[54] **AERONEF COMPORTANT UN GENERATEUR DE TURBINE A GAZ A ASSERVISSEMENT**
[72] MUNEVAR, ERIK A., US
[71] ROLLS-ROYCE NORTH AMERICAN TECHNOLOGIES, INC., US
[22] 2017-06-12
[41] 2018-02-28
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[13] A1
[51] **Int.Cl. F16C 33/30 (2006.01) F16C 19/00 (2006.01)**
[25] EN
[54] **LANDING BEARING ASSEMBLY AND ROTARY MACHINE EQUIPPED WITH SUCH AN ASSEMBLY AND A MAGNETIC BEARING**
[54] **APPAREIL DE RELEVEMENT A L'ATTERRISSAGE ET MACHINE ROTATIVE EQUIPEE D'UN TEL APPAREIL ET D'UN RELEVEMENT MAGNETIQUE**
[72] ANDERS, JENS, FR
[71] SKF MAGNETIC MECHATRONICS, FR
[22] 2017-06-13
[41] 2018-02-28
[30] DE (102016216427.9) 2016-08-31

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[51] **Int.Cl. G01N 27/83 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DETECTING IRREGULARITIES IN REBAR IN REINFORCED CONCRETE**
[54] **SYSTEME ET METHODE DE DETECTION D'IRREGULARITES DANS LA BARRE D'ARMATURE DE BETON RENFORCE**
[72] DUSSEAULT, MAURICE BERNARD, CA
[72] MAHBAZ, SEYEDBIJAN, CA
[71] DUSSEAULT, MAURICE BERNARD, CA
[71] MAHBAZ, SEYEDBIJAN, CA
[22] 2017-06-13
[41] 2018-03-01
[30] US (62/382,460) 2016-09-01

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[13] A1
[51] **Int.Cl. F02K 1/70 (2006.01) F02C 7/24 (2006.01)**
[25] EN
[54] **BLOCKER DOOR ASSEMBLY HAVING A THERMOPLASTIC BLOCKER DOOR FOR USE IN A TURBINE ENGINE**
[54] **DISPOSITIF DE VOLET INVERSEUR DOTE D'UN VOLET INVERSEUR THERMOSTATIQUE DESTINE A UNE TURBINE**
[72] GAW, KEVIN O'BRIEN, US
[72] JONES, DYLAN E., US
[72] LARSON, MICHAEL H., US
[72] SHIVASHANKARA, BELUR N., US
[72] GROVE, RANDY J., US
[72] BARENE, DAVID JOHN, US
[72] LINGELBACH, JESTON, US
[72] SHAFFER, KORY, US
[72] FOUTCH, DAVID W., US
[71] THE BOEING COMPANY, US
[22] 2017-06-15
[41] 2018-02-28
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[51] **Int.Cl. C09K 3/16 (2006.01) B64C 1/00 (2006.01) B64D 15/12 (2006.01) B64D 45/00 (2006.01) H01B 1/12 (2006.01) H05F 3/00 (2006.01)**
[25] EN
[54] **ELECTROSTATIC DISSIPATIVE COMPOSITIONS AND METHODS THEREOF**
[54] **COMPOSITIONS DISSIPATIVES ELECTROSTATIQUES ET METHODES ASSOCIEES**
[72] CALLAHAN, REBECCA A., US
[72] KINLEN, PATRICK J., US
[72] BRUTON, ERIC A., US
[71] THE BOEING COMPANY, US
[22] 2017-06-15
[41] 2018-02-28
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[51] **Int.Cl. H01B 1/04 (2006.01) B82Y 30/00 (2011.01) C09D 7/63 (2018.01) B64D 15/12 (2006.01) B64D 45/02 (2006.01) C09D 5/24 (2006.01) C09D 201/00 (2006.01) H01B 13/34 (2006.01) H05B 3/60 (2006.01)**
[25] EN
[54] **ELECTRICALLY CONDUCTIVE MATERIALS**
[54] **MATERIAUX CONDUCTEURS ELECTRIQUES**
[72] KINLEN, PATRICK J., US
[72] CHARLES, DANIEL A., US
[71] THE BOEING COMPANY, US
[22] 2017-06-15
[41] 2018-02-28
[30] US (15/252072) 2016-08-30

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[13] A1
[51] **Int.Cl. G01N 29/22 (2006.01) G01N 29/14 (2006.01)**
[25] EN
[54] **ACOUSTIC EMISSION SENSOR HOLDER**
[54] **SUPPORT DE CAPTEUR D'EMISSION ACOUSTIQUE**
[72] TAT, HONG H., US
[72] MITTLEIDER, JOHN A., US
[72] SCHAEFER, JOSEPH D., US
[72] GARDNER, SCOTT H., US
[72] EDWARDS, JAMES W., US
[72] HOLMES, TYLER M., US
[71] THE BOEING COMPANY, US
[22] 2017-06-16
[41] 2018-02-25
[30] US (15/246,654) 2016-08-25

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[51] **Int.Cl. B64D 31/00 (2006.01) B64D 43/00 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS TO CONTROL THRUST RAMPING OF AN AIRCRAFT ENGINE**
[54] **METHODES ET APPAREIL DE CONTROLE D'ACCELERATION DE POUSSEE D'UN MOTEUR D'AERONEF**
[72] JACKOWSKI, JASON J., US
[72] KARNOFSKI, KENT E., US
[71] THE BOEING COMPANY, US
[22] 2017-06-16
[41] 2018-02-28
[30] US (15/253,306) 2016-08-31

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[13] A1
[51] **Int.Cl. H02N 2/04 (2006.01) H01L 41/047 (2006.01) H01L 41/16 (2006.01) H01L 41/22 (2013.01)**
[25] EN
[54] **ACTUATOR ASSEMBLIES, MECHANICAL ASSEMBLIES INCLUDING THE ACTUATOR ASSEMBLIES, AND METHODS OF FABRICATING THE SAME**
[54] **ASSEMBLAGES D'ACTIONNEUR, ASSEMBLAGES MECANIQUES COMPORTANT LES ASSEMBLAGES D'ACTIONNEUR ET METHODES DE FABRICATION ASSOCIEES**
[72] CLINGMAN, DANIEL JOHN, US
[71] THE BOEING COMPANY, US
[22] 2017-06-21
[41] 2018-02-28
[30] US (15/250174) 2016-08-29

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[13] A1
[51] **Int.Cl. A01C 7/08 (2006.01) A01C 7/16 (2006.01) A01C 7/20 (2006.01)**
[25] EN
[54] **EQUALIZING AIR PRESSURE ON AIR SEEDERS**
[54] **EGALISATION DE LA PRESSION D'AIR SUR LES SEMOIRS PNEUMATIQUES**
[72] GERVAIS, JOEL, CA
[72] PALUCK, KENNETH D., CA
[72] HUI, KA PO CATHERINE, CA
[72] HENRY, JAMES W., CA
[71] CNH INDUSTRIAL CANADA, LTD., CA
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[30] US (15/253,273) 2016-08-31

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[51] **Int.Cl. A01C 7/20 (2006.01) A01C 7/08 (2006.01)**
[25] EN
[54] **AGRICULTURAL AIR CART BLOWER FAN ARRANGEMENT**
[54] **DISPOSITION DE VENTILATEUR SOUFFLANT DE CHARIOT PNEUMATIQUE AGRICOLE**
[72] HENRY, JAMES W., CA
[71] CNH INDUSTRIAL CANADA, LTD., CA
[22] 2017-06-27
[41] 2018-02-28
[30] US (15/251,437) 2016-08-30

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[13] A1
[51] **Int.Cl. H01M 8/04014 (2016.01) H01M 8/0612 (2016.01) H01M 8/0662 (2016.01)**
[25] EN
[54] **FUEL CELL MODULE**
[54] **MODULE DE PILE A COMBUSTIBLE**
[72] MATSUNO, TAKESHI, JP
[71] TOSHIBA FUEL CELL POWER SYSTEMS CORPORATION, JP
[22] 2017-06-29
[41] 2018-02-28
[30] JP (2016-169802) 2016-08-31
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[13] A1
[51] **Int.Cl. F02C 7/32 (2006.01) B64D 33/00 (2006.01) B64D 35/00 (2006.01) F02C 7/36 (2006.01) H02K 1/06 (2006.01)**
[25] EN
[54] **EMBEDDED ELECTRIC GENERATOR IN TURBINE ENGINE**
[54] **GENERATEUR ELECTRIQUE EMBARQUE DANS UNE TURBINE**
[72] AUKER, BRADLEY EUGENE, US
[72] RICE, EDWARD CLAUDE, US
[71] ROLLS-ROYCE NORTH AMERICAN TECHNOLOGIES, INC., US
[22] 2017-07-05
[41] 2018-03-01
[30] US (15/253,978) 2016-09-01

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[13] A1
[51] **Int.Cl. C23C 28/04 (2006.01) C25D 11/02 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING HEAT-SHIELDING FILM**
[54] **METHODE DE PRODUCTION D'UNE PELLICULE THERMOPROTECTRICE**
[72] YAMASHITA, HIDEO, JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[22] 2017-06-30
[41] 2018-02-28
[30] JP (2016-167092) 2016-08-29

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[13] A1
[51] **Int.Cl. B64F 5/40 (2017.01) G06Q 10/00 (2012.01)**
[25] EN
[54] **AUTOMATED ENGINEERING ORDER CREATION**
[54] **CREATION DE COMMANDE D'INGENIERIE AUTOMATISEE**
[72] ABRAHAM, MULUGHETA, US
[71] THE BOEING COMPANY, US
[22] 2017-07-06
[41] 2018-03-02
[30] US (15/255,822) 2016-09-02

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[13] A1
[51] **Int.Cl. H04W 64/00 (2009.01) H04W 4/021 (2018.01) B64D 11/00 (2006.01)**
[25] EN
[54] **LOCAL POSITIONING WITH COMMUNICATION TAGS**
[54] **POSITIONNEMENT LOCAL AU MOYEN D'ETIQUETTES DE COMMUNICATION**
[72] PEI, GUANGYU, US
[72] KIRKLAND, DAVID, US
[72] OWYANG, ETHAN CARL, US
[72] LAGROTTA, SHAWN ROBERT, US
[71] THE BOEING COMPANY, US
[22] 2017-07-06
[41] 2018-02-28
[30] US (15/250,733) 2016-08-29

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[13] A1
[51] **Int.Cl. B29C 70/34 (2006.01)**
[25] EN
[54] **METHOD OF LOCALLY INFLUENCING RESIN PERMEABILITY OF A DRY PREFORM**
[54] **METHODE PERMETTANT D'INFLUENCER LOCALEMENT LA PERMEABILITE DE LA RESINE D'UNE PREFORME SECHE**
[72] MEURE, SAM, US
[72] SZARSKI, MARTIN, US
[71] THE BOEING COMPANY, US
[22] 2017-07-11
[41] 2018-02-28
[30] AU (2016222310) 2016-08-29

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[13] A1
[51] **Int.Cl. B60R 21/34 (2011.01) B60R 19/56 (2006.01)**
[25] EN
[54] **VEHICLE SAFETY GUARD**
[54] **PROTECTEUR DE VEHICULE**
[72] BARRON, MARK M., US
[71] PUBLIC TRANSPORTATION SAFETY INTERNATIONAL CORP., US
[22] 2017-07-13
[41] 2018-02-25
[30] US (15/247,423) 2016-08-25

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[13] A1
[51] **Int.Cl. G08B 13/00 (2006.01) G08B 29/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR INTEGRATING A GUEST MODE IN A SECURITY CONTROL PANEL DEVICE**
[54] **SYSTEMES ET METHODES D'INTEGRATION D'UN MODE INVITE DANS UN DISPOSITIF DE PANNEAU DE COMMANDES DE SECURITE**
[72] MOOKAN, ARUMUGAKUMAR, US
[71] HONEYWELL INTERNATIONAL INC., US
[22] 2017-07-17
[41] 2018-02-28
[30] US (15/252,751) 2016-08-31

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[13] A1
[51] **Int.Cl. C23C 16/455 (2006.01) B01J 19/24 (2006.01) C23C 16/32 (2006.01)**
[25] EN
[54] **SWIRLED FLOW CHEMICAL VAPOR DEPOSITION**
[54] **DEPOT DE VAPEUR CHIMIQUE A ECOULEMENT TOURBILLONNAIRE**
[72] CHA, CHONG M., US
[72] LILIEDAHL, DAVID, US
[72] KIDD, RICHARD, US
[72] GALLIGHER, ROSS, US
[72] DOAN, NICHOLAS, US
[71] ROLLS-ROYCE CORPORATION, US
[71] ROLLS-ROYCE HIGH TEMPERATURE COMPOSITES, INC., US
[22] 2017-07-24
[41] 2018-02-28
[30] US (62/381,349) 2016-08-30

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[13] A1
[51] **Int.Cl. B23D 65/04 (2006.01) B23C 3/00 (2006.01) B23D 61/12 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR MILLING SAW BLADE TOOTH PROFILES AND SAW BLADES WITH MILLED TOOTH PROFILES**
[54] **SYSTEMES ET METHODES DE MEULAGE DES PROFILS DE DENT DE LAME DE SCIE ET LAMES DE SCIE DOTEES DE PROFILS DE DENT MEULES**
[72] CLARK, DEREK, US
[72] KOSKI, CLIFTON, II, US
[72] MCMASTER, LARRY, US
[71] SIMONDS INTERNATIONAL L.L.C., US
[22] 2017-07-24
[41] 2018-02-28
[30] US (15/251,712) 2016-08-30

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[13] A1
[51] **Int.Cl. G06F 9/50 (2006.01) G06F 8/41 (2018.01) G06F 15/16 (2006.01)**
[25] EN
[54] **COMPILATION FOR NODE DEVICE GPU-BASED PARALLEL PROCESSING**
[54] **COMPILATION DE TRAITEMENT PARALLELE FONDE SUR L'UNITE DE TRAITEMENT GRAPHIQUE (GPU) DE DISPOSITIF DE NOEUD**
[72] BEQUET, HENRY GABRIEL VICTOR, US
[72] CHEN, HUINA, US
[71] SAS INSTITUTE INC., US
[22] 2017-07-26
[41] 2018-02-25
[30] US (62/379,512) 2016-08-25
[30] US (15/422,285) 2017-02-01
[30] US (62/394,411) 2016-09-14

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[13] A1
[51] **Int.Cl. A61F 2/42 (2006.01) A61F 2/02 (2006.01) A61F 2/28 (2006.01)**
[25] EN
[54] **REVISION TOTAL ANKLE IMPLANTS**
[54] **IMPLANTS DE REINTERVENTION DE REMPLACEMENT TOTAL DE CHEVILLE**
[72] DHILLON, BRAHAM K., US
[72] SANDER, ELIZABETH J., US
[72] FREE, DANIEL E., US
[72] HOWLES, ROBERT M., US
[72] LUNA, RAMON, US
[71] WRIGHT MEDICAL TECHNOLOGY, INC., US
[22] 2017-07-26
[41] 2018-02-28
[30] US (15/251,830) 2016-08-30

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[13] A1
[51] **Int.Cl. A61B 5/00 (2006.01) G06T 5/00 (2006.01)**
[25] EN
[54] **DIAGNOSIS ASSISTING DEVICE, AND IMAGE PROCESSING METHOD IN DIAGNOSIS ASSISTING DEVICE**
[54] **APPAREIL D'AIDE AU DIAGNOSTIC ET METHODE DE TRAITEMENT D'IMAGE DANS L'APPAREIL D'AIDE AU DIAGNOSTIC**
[72] MATSUNAGA, KAZUHISA, JP
[71] CASIO COMPUTER CO., LTD., JP
[22] 2017-07-31
[41] 2018-03-02
[30] JP (2016-171595) 2016-09-02
[30] JP (2017-081594) 2017-04-17

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[13] A1
[51] **Int.Cl. A47J 27/00 (2006.01) A47J 19/00 (2006.01) A47J 27/62 (2006.01)**
[25] FR
[54] **CONTROL PROCESS FOR GRAIN COOKING APPLIANCES AND COOKING APPLIANCE FOR IMPLEMENTING SUCH A PROCESS**
[54] **PROCEDE DE COMMANDE D'UN APPAREIL DE CUISSON DE GRAINES ET APPAREIL DE CUISSON POUR LA MISE EN OEUVRE D'UN TEL PROCEDE**
[72] GOYON, ANNABELLE, FR
[72] TORELLI, STEPHANIE, FR
[71] SEB S.A., FR
[22] 2017-07-27
[41] 2018-02-28
[30] FR (1658056) 2016-08-30

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[13] A1
[51] **Int.Cl. A61B 5/00 (2006.01) G06T 3/00 (2006.01) G06T 7/00 (2017.01)**
[25] EN
[54] **DIAGNOSIS ASSISTING DEVICE, IMAGE PROCESSING METHOD IN DIAGNOSIS ASSISTING DEVICE, AND NON-TRANSITORY STORAGE MEDIUM HAVING STORED THEREIN PROGRAM**
[54] **DISPOSITIF D'AIDE AU DIAGNOSTIC, METHODE DE TRAITEMENT D'IMAGE DANS UN DISPOSITIF D'AIDE AU DIAGNOSTIC ET SUPPORT DE STOCKAGE NON-TRANSITOIRE COMPORTANT UN PROGRAMME STOCKE**
[72] MATSUNAGA, KAZUHISA, JP
[71] CASIO COMPUTER CO., LTD., JP
[22] 2017-07-31
[41] 2018-03-01
[30] JP (2016-170477) 2016-09-01
[30] JP (2017-081415) 2017-04-17

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[13] A1
[51] **Int.Cl. F01D 25/14 (2006.01) B64D 33/04 (2006.01) B64D 33/08 (2006.01) F01D 25/24 (2006.01) F01D 25/30 (2006.01) F02C 7/24 (2006.01) F02K 1/78 (2006.01) F28D 1/047 (2006.01)**
[25] EN
[54] **GAS TURBINE ENGINE EXHAUST SYSTEM**
[54] **SYSTEME D'ECHAPPEMENT DE TURBINE A GAZ**
[72] MENHEERE, DAVID, CA
[72] TRUMPOUR, ADAM, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2017-07-28
[41] 2018-03-02
[30] US (15/255,444) 2016-09-02

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[13] A1
[51] **Int.Cl. G06K 9/62 (2006.01) G07C 11/00 (2006.01)**
[25] EN
[54] **METHOD FOR EVALUATING THE AUTHENTICITY OF A PAINTING AS WELL AS A CORRESPONDING USE**
[54] **METHODE D'EVALUATION DE L'AUTHENTICITE D'UNE PEINTURE AINSI QU'UNE UTILISATION CORRESPONDANTE**
[72] SCHOLZEN, WERNER, DE
[71] SCHOLZEN, WERNER, DE
[22] 2017-08-01
[41] 2018-02-25
[30] DE (10 2016 115 837.2) 2016-08-25

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[13] A1
[51] **Int.Cl. B01D 53/14 (2006.01)**
[25] EN
[54] **USE OF EXPANSION MACHINES IN GAS SCRUBBERS**
[54] **UTILISATION DE MACHINES DE DILATATION DANS LES LAVEURS DE GAZ**
[72] KERESTECIOGLU, ULVI, DE
[72] PRELIPCEANU, ALEXANDER, DE
[72] FISCHER, ANNA-MARIA, DE
[72] ZEHRER, STEPHAN, DE
[72] BOHN, JAN-PETER, DE
[72] GIESE, KATRIN, DE
[72] HUMMEL, THOMAS, DE
[71] LINDE AKTIENGESELLSCHAFT, DE
[22] 2017-08-02
[41] 2018-02-25
[30] DE (102016010314.0) 2016-08-25

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[13] A1
[51] **Int.Cl. G01F 1/32 (2006.01) A61M 16/00 (2006.01) A61M 16/08 (2006.01)**
[25] FR
[54] **FLUIDIC OSCILLATION FLOWMETER WITH SYMMETRICAL MEASUREMENT ORIFICES FOR COMPLIANCE DEVICE IN AN OXYGEN THERAPY TREATMENT**
[54] **DEBITMETRE A OSCILLATION FLUIDIQUE A ORIFICES DE MESURE SYMETRIQUES POUR DISPOSITIF DE D'OBSERVANCE D'UN TRAITEMENT D'OXYGENOTHERAPIE**
[72] AMMOURI, FOUAD, FR
[71] L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE, FR
[22] 2017-08-01
[41] 2018-03-02
[30] FR (16 58 167) 2016-09-02

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[13] A1
[51] **Int.Cl. A47J 31/06 (2006.01) A47J 31/02 (2006.01) A47J 31/10 (2006.01) B01D 27/08 (2006.01)**
[25] EN
[54] **FILTER VESSEL**
[54] **RECIPIENT FILTRE**
[72] SACHTLEBEN, ANDREAS, DE
[72] SCHAFER, MARKUS, DE
[71] MELITTA EUROPA GMBH & CO. KG, DE
[22] 2017-08-04
[41] 2018-02-28
[30] DE (10 2016 116 074.1) 2016-08-29

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[13] A1
[51] **Int.Cl. F16H 57/021 (2012.01) B01F 7/00 (2006.01) B01F 15/00 (2006.01) F16H 57/04 (2010.01)**
[25] EN
[54] **DRIVE SYSTEM AND DRIVE SUB-ASSEMBLY FOR DRIVING A SHAFT**
[54] **SYSTEME D'ENTRAINEMENT ET SOUS-MECANISME D'ENTRAINEMENT DESTINES A ENTRAINER UN ARBRE**
[72] ENGEL, DAVE, US
[72] ADAMS, RICHARD, US
[71] SPX FLOW, INC., US
[22] 2017-08-03
[41] 2018-02-28
[30] US (15/253,131) 2016-08-31

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[13] A1
[51] **Int.Cl. H02M 7/217 (2006.01) H02M 7/06 (2006.01)**
[25] EN
[54] **AC/DC CONVERTER CIRCUIT**
[54] **CIRCUIT CONVERTISSEUR CA/CC**
[72] XIONG, TOM, CN
[72] ZHONG, KEVIN, CN
[71] EATON CORPORATION, US
[22] 2017-08-03
[41] 2018-02-28
[30] US (15/249,709) 2016-08-29

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[13] A1
[51] **Int.Cl. C09D 7/43 (2018.01) C08G 18/48 (2006.01) C08G 18/67 (2006.01) C08G 18/72 (2006.01) C08L 75/14 (2006.01) C09D 5/02 (2006.01)**
[25] EN
[54] **ALKYLENE OXIDE URETHANE ASSOCIATIVE THICKENER MODIFIED WITH A HYDROPHOBIC OLIGOMER**
[54] **EPAISSISSEUR ASSOCIATIF A L'URETHANE D'OXYDE D'ALKYLENE MODIFIE PAR UN OLIGOMERE HYDROPHOBE**
[72] HAWKINS, DOUGLAS R., US
[72] RABASCO, JOHN J., US
[72] VAN DYK, ANTONY K., US
[71] ROHM AND HAAS COMPANY, US
[22] 2017-08-03
[41] 2018-03-01
[30] US (62/382462) 2016-09-01

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[51] **Int.Cl. C08L 91/06 (2006.01) C08J 3/05 (2006.01) C08J 3/12 (2006.01)**
[25] EN
[54] **COLD WAX DISPERSION PROCESS**
[54] **PROCEDE DE DISPERSION DE CIRE FROIDE**
[72] VANDEWINCKEL, JUDITH M., US
[72] MARCELL, KEVIN F., US
[72] CHENG, CHIEH-MIN, US
[72] MARION, BRIAN J., US
[72] SMITH, SCOTT M., US
[71] XEROX CORPORATION, US
[22] 2017-08-03
[41] 2018-02-28
[30] US (15/250326) 2016-08-29

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[13] A1
[51] **Int.Cl. F16J 15/3208 (2016.01)**
[25] EN
[54] **SEALING DEVICE**
[54] **APPAREIL D'ETANCHEISATION**
[72] SATO, YUKI, JP
[71] NOK CORPORATION, JP
[22] 2017-08-08
[41] 2018-02-28
[30] JP (2016-168364) 2016-08-30

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[51] **Int.Cl. C08L 23/12 (2006.01) C08K 3/04 (2006.01) C08K 7/06 (2006.01) C08L 23/02 (2006.01)**
[25] EN
[54] **TOUGHENED POLYOLEFIN AND BIOCARBON BASED LIGHT-WEIGHT BIOCOMPOSITES AND METHOD OF MAKING THE SAME**
[54] **POLYOLEFINE RENFORCEE ET BIOCOMPOSITES LEGERS A BASE DE BIOCARBONE ET METHODE DE FABRICATION ASSOCIEE**
[72] MOHANTY, AMAR K., CA
[72] MISRA, MANJU, CA
[72] BEHAZIN, EHSAN, CA
[72] RODRIGUEZ-URIBE, ARTURO, CA
[71] UNIVERSITY OF GUELPH, CA
[22] 2017-08-10
[41] 2018-03-02
[30] US (62382990) 2016-09-02

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[13] A1
[51] **Int.Cl. E21B 44/00 (2006.01) E21B 7/00 (2006.01) E21B 47/09 (2012.01)**
[25] EN
[54] **WELL PROTECTION SYSTEMS AND METHODS**
[54] **MECANISMES ET METHODES DE PROTECTION DE PUITS**
[72] MAGNUSON, CHRISTOPHER, US
[71] NABORS DRILLING TECHNOLOGIES USA, INC., US
[22] 2017-08-10
[41] 2018-02-26
[30] US (15/248,220) 2016-08-26

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[13] A1
[51] **Int.Cl. E21B 15/00 (2006.01) E21B 7/02 (2006.01) E21B 19/14 (2006.01) E21B 19/20 (2006.01)**
[25] EN
[54] **DUAL-ACTIVITY MAST**
[54] **MAT A DOUBLE ACTIVITE**
[72] MAGNUSON, CHRISTOPHER, US
[71] NABORS DRILLING TECHNOLOGIES USA, INC., US
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[41] 2018-02-28
[30] US (15/251,359) 2016-08-30

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[13] A1
[51] **Int.Cl. D21F 1/00 (2006.01)**
[25] EN
[54] **APPARATUS FOR ADJUSTING A SCRAPER BAR IN A LINE FOR PRODUCING A PAPER WEB**
[54] **APPAREIL D'AJUSTEMENT DE BARRE DE RACLAGE DANS UNE LIGNE EN VUE DE LA PRODUCTION D'UNE BANDE DE PAPIER**
[72] BARTELMUSS, KLAUS, AT
[71] BARTELMUSS, KLAUS, AT
[22] 2017-08-11
[41] 2018-03-01
[30] AT (A 404/2016) 2016-09-01

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[51] **Int.Cl. B64C 25/58 (2006.01) F16F 9/19 (2006.01)**
[25] EN
[54] **AIRCRAFT LANDING GEAR SHOCK ABSORBER ASSEMBLY**
[54] **DISPOSITIF ANTICHOC DE TRAIN D'ATTERRISSAGE D'UN AERONEF**
[72] SCHMIDT, ROBERT KYLE, GB
[71] SAFRAN LANDING SYSTEMS UK LIMITED, GB
[22] 2017-08-09
[41] 2018-02-25
[30] EP (16185595.2) 2016-08-25

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[13] A1
[51] **Int.Cl. B63H 21/21 (2006.01) G05D 13/62 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR CONTROLLING VESSEL SPEED WHEN TRANSITIONING FROM LAUNCH TO CRUISE**
[54] **SYSTEMES ET METHODES DE CONTROLE DE LA VITESSE D'UNE EMBARCATION LORS DE LA TRANSITION DE LA MISE A L'EAU A LA VITESSE DE CROISIERE**
[72] ANDRASKO, STEVEN J., US
[72] PRZYBYL, ANDREW J., US
[72] ANSCHUETZ, STEVEN M., US
[71] BRUNSWICK CORPORATION, US
[22] 2017-08-11
[41] 2018-02-28
[30] US (15/252,911) 2016-08-31

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[13] A1
[51] **Int.Cl. B63H 25/00 (2006.01) B63H 21/21 (2006.01) B63H 25/42 (2006.01)**
[25] EN
[54] **METHODS FOR CONTROLLING MOVEMENT OF A MARINE VESSEL NEAR AN OBJECT**
[54] **METHODES DE CONTROLE DU MOUVEMENT D'UN NAVIRE A PROXIMITE D'UN OBJET**
[72] WARD, AARON J., US
[72] LEMANCIK, MICHAEL J., US
[71] BRUNSWICK CORPORATION, US
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[51] **Int.Cl. B64C 27/28 (2006.01) B64C 15/00 (2006.01) B64C 27/08 (2006.01) B64C 27/20 (2006.01) B64C 39/06 (2006.01) B64D 27/00 (2006.01)**
[25] EN
[54] **TILTING DUCTED FAN AIRCRAFT GENERATING A PITCH CONTROL MOMENT**
[54] **AERONEF A SOUFFLANTE CANALISEE INCLINANTE GENERANT UN MOMENT DE CONTROLE DE PAS**
[72] GRONINGA, KIRK LANDON, US
[72] ROBERTSON, DANIEL BRYAN, US
[71] BELL HELICOPTER TEXTRON INC., US
[22] 2017-08-10
[41] 2018-02-28
[30] US (15/252,916) 2016-08-31

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[51] **Int.Cl. A61F 2/90 (2013.01) A61F 2/91 (2013.01) A61F 2/95 (2013.01) A61F 2/82 (2013.01) A61F 2/92 (2013.01)**
[25] EN
[54] **AN EXPANSION RING FOR A BRAIDED STENT**
[54] **UNE BAGUE DE DILATATION DESTINEE A UNE ENDOPROTHESE TISSEE**
[72] GOROCHOW, LACEY, US
[71] DEPUY SYNTHES PRODUCTS, INC., US
[22] 2017-08-14
[41] 2018-02-25
[30] US (15/246,784) 2016-08-25

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[51] **Int.Cl. F02C 7/05 (2006.01) F02C 7/052 (2006.01)**
[25] EN
[54] **PARTICLE SEPARATOR**
[54] **SEPARATEUR DE PARTICULES**
[72] SMITH, CRAWFORD F., III, US
[72] SNYDER, PHILIP H., US
[72] OECHSLE, VICTOR L., US
[71] SMITH, CRAWFORD F., III, US
[71] SNYDER, PHILIP H., US
[71] OECHSLE, VICTOR L., US
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[41] 2018-03-01
[30] US (62/382,557) 2016-09-01
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[51] **Int.Cl. G06K 9/20 (2006.01) G06K 9/18 (2006.01) H04N 5/225 (2006.01) H04N 5/335 (2011.01)**
[25] EN
[54] **IMAGING MODULE AND READER FOR, AND METHOD OF, READING A TARGET OVER A FIELD OF VIEW BY IMAGE CAPTURE WITH A VISUALLY PROMINENT INDICATOR OF A CENTER ZONE OF THE FIELD OF VIEW**
[54] **MODULE D'IMAGERIE ET LECTEUR ASSOCIE, ET METHODE DE LECTURE D'UNE CIBLE DANS UN CHAMP DE VISION PAR CAPTURE D'IMAGES AU MOYEN D'UN INDICATEUR EVIDENT VISUELLEMENT D'UNE ZONE CENTRALE DE CHAMP DE VISION**
[72] HANDSHAW, DARRAN MICHAEL, US
[72] VINOGRADOV, IGOR, US
[72] GUREVICH, VLADIMIR, US
[71] SYMBOL TECHNOLOGIES, LLC, US
[22] 2017-08-14
[41] 2018-02-26
[30] US (15/248181) 2016-08-26

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[13] A1
[51] **Int.Cl. H05B 1/02 (2006.01) B64D 11/00 (2006.01) B64D 13/08 (2006.01) E04F 15/00 (2006.01)**
[25] EN
[54] **HEATED PTC ELEMENT WITH PROTECTION CIRCUIT**
[54] **ELEMENT PTC CHAUFFE DOTE D'UN CIRCUIT DE PROTECTION**
[72] SHEARER, JON, US
[71] HAMILTON SUNDSTRAND CORPORATION, US
[22] 2017-08-11
[41] 2018-03-01
[30] US (15/254,023) 2016-09-01

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[13] A1
[51] **Int.Cl. B01D 53/14 (2006.01) B01D 53/18 (2006.01)**
[25] EN
[54] **PROCESS AND APPARATUS FOR EFFECTIVE STRIPPING OF PARTLY LADEN SCRUBBING MEDIUM IN PHYSICAL GAS SCRUBBING OPERATIONS**
[54] **PROCEDE ET APPAREIL DESTINE A ENLEVER EFFICACEMENT UN MILIEU DE LESSIVAGE PARTIELLEMENT CHARGE DANS LES OPERATIONS DE LAVAGE DE GAZ**
[72] KERESTECIOGLU, ULVI, DE
[72] FISCHER, ANNA-MARIA, DE
[71] LINDE AKTIENGESELLSCHAFT, DE
[22] 2017-08-15
[41] 2018-02-28
[30] DE (10 2016 010 515.1) 2016-08-30

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[51] **Int.Cl. B66F 11/04 (2006.01) B60K 15/063 (2006.01) B62D 21/00 (2006.01) B66C 23/687 (2006.01) B66C 23/72 (2006.01)**
[25] EN
[54] **VEHICLE WITH A LOW GRAVITY CENTER AND AERIAL WORK PLATFORM**
[54] **VEHICULE A CENTRE DE GRAVITE BAS ET PLATEFORME DE TRAVAIL AERIENNE**
[72] XU, SHUGEN, CN
[71] ZHEJIANG DINGLI MACHINERY CO., LTD., CN
[22] 2017-08-15
[41] 2018-02-28
[30] CN (2016107786758) 2016-08-31

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[51] **Int.Cl. A47B 37/04 (2006.01) A47B 31/02 (2006.01) A47B 85/00 (2006.01) A47C 3/16 (2006.01) A47C 7/72 (2006.01) A47C 13/00 (2006.01) F25D 3/06 (2006.01) F25D 23/12 (2006.01)**
[25] EN
[54] **OUTDOOR CONVERTIBLE TABLE-LIKE FURNITURE WITH MULTIPLE LEVELS**
[54] **MEUBLE D'EXTERIEUR CONVERTIBLE DE STYLE TABLE A PLUSIEURS NIVEAUX**
[72] MUELLER, ERIK, US
[71] PLANK AND HIDE, US
[22] 2017-08-15
[41] 2018-02-26
[30] US (15/248,605) 2016-08-26

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[13] A1
[51] **Int.Cl. A23P 30/20 (2016.01) A23L 5/00 (2016.01) A23P 30/00 (2016.01) A22C 7/00 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR FORMING AND DIVIDING OF AT LEAST ONE STRING-SHAPED PASTY FOODSTUFF INTO SLICE-SHAPED PRODUCTS**
[54] **APPAREIL ET METHODE DE FORMATION ET DIVISION D'AU MOINS UN PRODUIT ALIMENTAIRE DE PATISSERIE EN FORME DE FICELLE EN PRODUITS EN FORME DE TRANCHE**
[72] BACHTLE, MANFRED, DE
[72] REUTTER, SIEGFRIED, DE
[72] CRET, CLAUDIU, DE
[72] TEUFEL, DANIEL, DE
[72] WERNER, ACHIM, DE
[72] WILLBURGER, PETER, DE
[72] HAID, SIMON, DE
[71] ALBERT HANDTMANN MASCHINENFABRIK GMBH & CO. KG, DE
[22] 2017-08-15
[41] 2018-03-02
[30] EP (16 187 011.8) 2016-09-02

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[13] A1
[51] **Int.Cl. F28F 27/00 (2006.01) B64D 33/08 (2006.01) F02C 7/14 (2006.01) F16N 39/02 (2006.01) F28D 1/00 (2006.01)**
[25] EN
[54] **FAN CASING ASSEMBLY WITH COOLER AND METHOD OF MOVING**
[54] **DISPOSITIF DE LOGEMENT DE SOUFFLANTE ET METHODE DE DEPLACEMENT**
[72] TAJIRI, GORDON, US
[72] KENWORTHY, MICHAEL THOMAS, US
[72] MCQUEEN, DENNIS ALAN, US
[71] UNISON INDUSTRIES, LLC, US
[22] 2017-08-16
[41] 2018-02-28
[30] US (15/252,718) 2016-08-31

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[13] A1
[51] **Int.Cl. F28F 3/04 (2006.01) B64D 33/08 (2006.01) F02C 7/14 (2006.01) F16N 39/02 (2006.01) F28D 1/00 (2006.01) F28F 13/06 (2006.01)**
[25] EN
[54] **ENGINE HEAT EXCHANGER AND METHOD OF FORMING**
[54] **ECHANGEUR THERMIQUE DE MOTEUR ET METHODE DE FORMATION**
[72] KENWORTHY, MICHAEL THOMAS, US
[72] GERSTLER, WILLIAM DWIGHT, US
[72] DIAZ, CARLOS ENRIQUE, US
[71] UNISON INDUSTRIES, LLC, US
[22] 2017-08-16
[41] 2018-02-28
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[13] A1
[51] **Int.Cl. A43C 13/14 (2006.01) A43B 23/02 (2006.01)**
[25] EN
[54] **TOE BOX**
[54] **EMBOUT POUR ORTEIL**
[72] SAKURAI, YOSHINORI, JP
[71] MIDORI ANZEN CO., LTD., JP
[22] 2017-08-16
[41] 2018-02-28
[30] JP (2016-169728) 2016-08-31

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[13] A1
[51] **Int.Cl. G01N 21/25 (2006.01) G01N 21/31 (2006.01) G06F 17/17 (2006.01)**
[25] EN
[54] **SPECTROSCOPIC CLASSIFICATION OF CONFORMANCE WITH DIETARY RESTRICTIONS**
[54] **CLASSIFICATION SPECTROSCOPIQUE DU RESPECT DES RESTRICTIONS DIETETIQUES**
[72] O'BRIEN, NADA A., US
[72] HSIUNG, CHANGMENG, US
[71] VIAVI SOLUTIONS INC., US
[22] 2017-08-16
[41] 2018-02-25
[30] US (62/379,605) 2016-08-25
[30] US (15/401,669) 2017-01-09

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[13] A1
[51] **Int.Cl. E21B 43/30 (2006.01) E21B 43/16 (2006.01) E21B 43/24 (2006.01)**
[25] EN
[54] **WELL CONFIGURATION FOR COINJECTION**
[54] **CONFIGURATION DE PUITS EN VUE DE LA COINJECTION**
[72] CHEN, BO, US
[72] CHEN, QING, US
[71] CONOCOPHILLIPS COMPANY, US
[22] 2017-08-15
[41] 2018-02-25
[30] US (62/379,613) 2016-08-25
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[13] A1
[51] **Int.Cl. H01F 27/14 (2006.01) F16K 1/06 (2006.01) F16K 47/10 (2006.01)**
[25] EN
[54] **BI-DIRECTIONAL OIL-FLOW ADAPTER FOR ATTACHING TO A VALVE-CONTROLLED PORT OF A TRANSFORMER**
[54] **ADAPTATEUR D'ECOULEMENT D'HUILE BIDIRECTIONNEL SERVANT A FIXER UN ORIFICE CONTROLE PAR UNE VALVE A UN TRANSFORMATEUR**
[72] ROBINSON, DAVID PETER, GB
[72] MCGREGOR, ALAN, GB
[71] GENERAL ELECTRIC TECHNOLOGY GMBH, CH
[22] 2017-08-17
[41] 2018-02-28
[30] US (15/250,162) 2016-08-29

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[13] A1
[51] **Int.Cl. B67D 7/78 (2010.01) B67D 7/06 (2010.01)**
[25] EN
[54] **MULTI-PORT CAP FOR REAGENT CONTAINER**
[54] **CAPUCHON MULTI-ORIFICE DESTINE A UN CONTENANT D'AGENT REACTIF**
[72] NGUYEN, NICK N., US
[72] FANG, YAN, US
[71] ETHICON, INC., US
[22] 2017-08-16
[41] 2018-02-28
[30] US (15/252,550) 2016-08-31

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[51] **Int.Cl. B63B 17/00 (2006.01) B29C 41/04 (2006.01) B63B 5/24 (2006.01) B63B 35/71 (2006.01) B63B 35/73 (2006.01) B63C 13/00 (2006.01)**
[25] EN
[54] **MOLDED-IN BOAT GRIP**
[54] **ANTIDERAPANT MOULE POUR BATEAU**
[72] ROBBINS, SAMUEL S., US
[72] NORMAN, DENNIS JAY, US
[71] LIFETIME PRODUCTS, INC., US
[22] 2017-08-21
[41] 2018-02-26
[30] US (62/380,179) 2016-08-26
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[13] A1
[51] **Int.Cl. F21V 33/00 (2006.01) B61L 5/18 (2006.01) E06C 9/02 (2006.01) F21V 21/10 (2006.01)**
[25] EN
[54] **SIGNAL LIGHT ASSEMBLY**
[54] **APPAREIL D'ECLAIRAGE DE SIGNALISATION**
[72] KECK, PAUL, US
[72] BANG, NICHOLAS KENT, US
[72] OSSMAN, BENJAMIN RYAN, US
[71] LINDSAY TRANSPORTATION SOLUTIONS, INC., US
[22] 2017-08-18
[41] 2018-02-25
[30] US (15/247,556) 2016-08-25

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[13] A1
[51] **Int.Cl. E01H 4/00 (2006.01) E01H 4/02 (2006.01)**
[25] EN
[54] **SNOW GROOMER WITH LINKAGE FOR ADJUSTABLE COMPONENT**
[54] **DAMEUSE DOTEE D'UNE LIAISON DESTINEE A UNE COMPOSANTE AJUSTABLE**
[72] BYER, RICHARD L., US
[71] BYER, RICHARD L., US
[22] 2017-08-18
[41] 2018-02-28
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[13] A1
[51] **Int.Cl. F01D 17/16 (2006.01) F01D 9/02 (2006.01) F01D 9/04 (2006.01) F04D 29/56 (2006.01)**
[25] EN
[54] **INNER SHROUD AND ORIENTABLE VANE OF AN AXIAL TURBOMACHINE COMPRESSOR**
[54] **CARENAGE INTERNE ET AUBE ORIENTABLE D'UN COMPRESSEUR DE TURBOMACHINE AXIALE**
[72] VYVEY, MORGAN, BE
[71] SAFRAN AERO BOOSTERS SA, BE
[22] 2017-08-22
[41] 2018-02-28
[30] BE (2016/5663) 2016-08-30

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[13] A1
[51] **Int.Cl. F01D 17/16 (2006.01) F01D 9/04 (2006.01)**
[25] EN
[54] **STATOR WITH ADJUSTABLE VANES FOR THE COMPRESSOR OF AN AXIAL TURBINE ENGINE**
[54] **STATOR DOTE D'AUBES AJUSTABLES DESTINE AU COMPRESSEUR D'UNE TURBINE AXIALE**
[72] VYVEY, MORGAN, BE
[71] SAFRAN AERO BOOSTERS SA, BE
[22] 2017-08-22
[41] 2018-02-28
[30] BE (2016/5664) 2016-08-30

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[13] A1
[51] **Int.Cl. F16J 15/3244 (2016.01) F16J 15/3204 (2016.01)**
[25] EN
[54] **SEALING DEVICE**
[54] **APPAREIL D'ETANCHEISATION**
[72] HONMA, NAOYUKI, JP
[71] NOK CORPORATION, JP
[22] 2017-08-21
[41] 2018-03-01
[30] JP (2016-170531) 2016-09-01

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[13] A1
[51] **Int.Cl. B64C 1/38 (2006.01) B64C 3/36 (2006.01) F16B 1/00 (2006.01)**
[25] EN
[54] **HEAT SHIELD FLANGE SLIDING JOINT**
[54] **JOINT COULISSANT DE BRIDE A PROTECTION THERMIQUE**
[72] CONNELLY, THOMAS J., US
[72] LI, LINDA M., US
[71] THE BOEING COMPANY, US
[22] 2017-08-18
[41] 2018-03-01
[30] US (15/254245) 2016-09-01

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[13] A1
[51] **Int.Cl. B60C 9/02 (2006.01)**
[25] EN
[54] **HEAVY DUTY TIRE**
[54] **PNEU TRES ROBUSTE**
[72] BISHOP, DANIEL AUSTIN, US
[71] THE GOODYEAR TIRE & RUBBER COMPANY, US
[22] 2017-08-22
[41] 2018-02-28
[30] US (62/381149) 2016-08-30

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[13] A1
[51] **Int.Cl. B60Q 1/26 (2006.01) B60R 21/34 (2011.01) B61L 29/24 (2006.01)**
[25] FR
[54] **WARNING DEVICE FOR URBAN TRANSIT VEHICLE, SPECIFICALLY A TRAMWAY**
[54] **DISPOSITIF D'AVERTISSEMENT POUR UN VEHICULE DE TRANSPORT PUBLIC URBAIN, NOTAMMENT UN TRAMWAY**
[72] MIGLIANICO, DENIS, FR
[71] ALSTOM TRANSPORT TECHNOLOGIES, FR
[22] 2017-08-21
[41] 2018-02-26
[30] FR (16 57953) 2016-08-26

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[13] A1
[51] **Int.Cl. B61G 9/04 (2006.01) B61G 11/00 (2006.01)**
[25] EN
[54] **RAILWAY FREIGHT CAR DRAFT GEAR ASSEMBLY**
[54] **DISPOSITIF DE TRACTION DE WAGON DE MARCHANDISES**
[72] CLARK, MARLIN E., US
[71] AMSTED RAIL COMPANY, INC., US
[22] 2017-08-23
[41] 2018-03-02
[30] US (15/255,440) 2016-09-02

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[13] A1
[51] **Int.Cl. E21B 33/038 (2006.01) E21B 17/01 (2006.01)**
[25] EN
[54] **TENSIONER CYLINDER WITH INTERNAL GAS BLADDER IN HIGH PRESSURE CHAMBER**
[54] **PISTON TENDEUR A VESSIE DE GAZ INTEGRALE DANS UNE CHAMBRE HAUTE PRESSION**
[72] WAGNER, ROBERT JAMES, US
[72] KUBICHEK, BENJAMIN JAMES, US
[72] HAVELKA, DANIEL LOUIS, US
[71] VETCO GRAY INC., US
[22] 2017-08-24
[41] 2018-02-28
[30] US (15/253,451) 2016-08-31

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[13] A1
[51] **Int.Cl. A47B 96/20 (2006.01) A47B 88/944 (2017.01) A47B 77/00 (2006.01) F16B 5/12 (2006.01) F16B 12/00 (2006.01)**
[25] EN
[54] **DECORATIVE PANEL SYSTEM**
[54] **SYSTEME DE PANNEAU DECORATIF**
[72] BOYCHUK, STEPHEN, CA
[71] BOYCHUK, STEPHEN, CA
[22] 2017-08-24
[41] 2018-02-28
[30] US (15/253,101) 2016-08-31

[21] **2,977,182**
[13] A1
[51] **Int.Cl. B21D 22/02 (2006.01) B21D 37/16 (2006.01)**
[25] EN
[54] **SPLINED POWER TRANSMISSION COMPONENTS MADE USING HEAT-ASSISTED CALIBRATION PROCESS AND METHOD OF FORMING SUCH SPLINED POWER TRANSMISSION COMPONENTS**
[54] **COMPOSANTES DE TRANSMISSION D'ENERGIE CANNELEES FAITES AU MOYEN D'UN PROCEDE D'ETALONNAGE THERMO-ASSISTE ET METHODE DE FORMAGE DE TELLES COMPOSANTES DE TRANSMISSION D'ENERGIE CANNELEES**
[72] SABO, JOHN RICHARD, CA
[72] SULAJ, SOKOL, CA
[72] DORIGO, DAVID VICTOR, CA
[71] MAGNA POWERTRAIN INC., CA
[22] 2017-08-23
[41] 2018-02-28
[30] US (62/380,531) 2016-08-29
[30] US (15/678,611) 2017-08-16

[21] **2,977,183**
[13] A1
[51] **Int.Cl. B23Q 16/02 (2006.01) B25H 1/14 (2006.01)**
[25] EN
[54] **LINEAR DIVIDING INDEXER**
[54] **INDEXEUR DE DIVISION LINEAIRE**
[72] BERUBE, ERIC ALVIN, CA
[71] BERUBE, ERIC ALVIN, CA
[22] 2017-08-24
[41] 2018-02-26
[30] US (62/380,109) 2016-08-26

[21] **2,977,185**
[13] A1
[51] **Int.Cl. G06Q 10/04 (2012.01)**
[25] EN
[54] **CORRELATING CONSUMPTION AND ACTIVITY PATTERNS**
[54] **CORRELATION ENTRE LA CONSOMMATION ET LES HABITUDES D'ACTIVITE**
[72] OMER, ODED, IL
[72] AGIV, OMER, IL
[72] KAPLAN, GIL, IL
[71] WEISSBEERGER LTD, IL
[22] 2017-08-24
[41] 2018-02-25
[30] US (62/379,321) 2016-08-25

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[13] A1
[51] **Int.Cl. E21B 17/06 (2006.01) E21B 7/08 (2006.01) E21B 31/12 (2006.01)**
[25] EN
[54] **RELEASABLE CONNECTION FOR A DOWNHOLE TOOL STRING**
[54] **CONNEXION LIBERABLE DESTINEE A UNE COLONNE D'OUTILS DE FOND DE TROU**
[72] KITCHEN, DEREK, CA
[72] HOTTE, SYLVAIN, CA
[72] ROSTEN, TREVOR, CA
[72] GOLINOWSKI, JEFFREY, CA
[71] AVALON RESEARCH LTD., CA
[22] 2017-08-24
[41] 2018-02-28
[30] US (62/381,083) 2016-08-30

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[13] A1
[51] **Int.Cl. G03B 17/02 (2006.01) G03B 29/00 (2006.01)**
[25] EN
[54] **PRIVACY ENHANCING DEVICE CASE**
[54] **BOITIER D'APPAREIL AUGMENTANT LA CONFIDENTIALITE**
[72] ADAMS, NEIL PATRICK, CA
[72] WANG, YI YING, CA
[72] KIM, YOUNGHWAN, CA
[71] BLACKBERRY LIMITED, CA
[22] 2017-08-25
[41] 2018-02-25
[30] US (15/247,667) 2016-08-25

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[13] A1
[51] **Int.Cl. C09C 3/00 (2006.01) C09C 3/12 (2006.01) E04D 11/00 (2006.01)**
[25] EN
[54] **PARTICULATES HAVING HIGH TOTAL SOLAR REFLECTANCE**
[54] **PARTICULES PRESENTANT UNE REFLECTANCE SOLAIRE TOTALE ELEVEE**
[72] JENREE, RHONDA MARIE, US
[72] WU, SHIH-JEN, US
[72] SMITH, ROCKY LEE, US
[72] WELLER, DAVID EARL, JR., US
[71] U.S. SILICA COMPANY, US
[22] 2017-08-22
[41] 2018-02-28
[30] US (15/250772) 2016-08-29

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[13] A1
[51] **Int.Cl. G08B 23/00 (2006.01) G08B 21/12 (2006.01) G08B 29/14 (2006.01)**
[25] EN
[54] **HAZARD DETECTOR, TEST DEVICE FOR HAZARD DETECTOR, HAZARD MONITORING SYSTEM AND METHOD FOR TESTING A HAZARD DETECTOR**
[54] **DETECTEUR DE DANGER, DISPOSITIF DE TEST DESTINE A UN DETECTEUR DE DANGER, SYSTEME DE SURVEILLANCE DE DANGER ET METHODE DE MISE A L'EPREUVE DE DETECTEUR DE DANGER**
[72] EICHLER, STEPHAN, DE
[71] NOVAR GMBH, DE
[22] 2017-08-23
[41] 2018-02-28
[30] EP (16186081.2) 2016-08-29

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[13] A1
[51] **Int.Cl. B29C 45/72 (2006.01)**
[25] EN
[54] **INJECTION UNIT**
[54] **MODULE D'INJECTION**
[72] MATSUTAKE, YOSHITAKA, JP
[71] SUMITOMO HEAVY INDUSTRIES, LTD., JP
[22] 2017-08-24
[41] 2018-02-26
[30] JP (2016-166242) 2016-08-26

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[51] **Int.Cl. H04N 21/6334 (2011.01) H04H 60/23 (2009.01) H04N 21/258 (2011.01) G06F 21/62 (2013.01) H04B 7/185 (2006.01)**
[25] EN
[54] **A METHOD AND AN INFORMATION APPLIANCE DEVICE FOR PREVENTING SECURITY BREACH IN INFORMATION APPLIANCE DEVICE**
[54] **UNE METHODE ET UN APPAREIL D'INFORMATION DESTINES A PREVENIR UNE VIOLATION DE LA SECURITE DANS L'APPAREIL D'INFORMATION**
[72] TYAGI, VIPIN B., SRIDHARAN, IN
[72] DUTTA, PALLAB, IN
[72] JAIN, PRIYANKA, IN
[72] GADGE, MAHESHKUMAR YADAVRAO E., GIRI BABU, IN
[72] GARAPATI, UPENDRA KUMAR, IN
[71] CENTRE FOR DEVELOPMENT OF TELEMATICS (C-DOT), IN
[22] 2017-08-24
[41] 2018-02-26
[30] IN (201641029069) 2016-08-26

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[13] A1
[51] **Int.Cl. H01R 13/639 (2006.01) H01R 13/52 (2006.01) G02B 23/12 (2006.01)**
[25] EN
[54] **LOW PROFILE SEALING INTERCONNECT WITH LATCHING INTERFACE**
[54] **INTERCONNEXION D'ETANCHEISATION DE PROFILE DOTEE D'UNE INTERFACE DE LOQUET**
[72] FINONA, MICHAEL SANTOS, US
[72] ABLOTT, ANDREW ROYCE, US
[71] ITT MANUFACTURING ENTERPRISES LLC, US
[22] 2017-08-24
[41] 2018-02-25
[30] US (62/379,645) 2016-08-25

[21] **2,977,251**
[13] A1
[51] **Int.Cl. B41F 5/24 (2006.01) B41F 19/00 (2006.01)**
[25] EN
[54] **METHOD OF FLEXOGRAPHIC PRINTING OVER A TEXTURED SURFACE**
[54] **METHODE D'IMPRESSION FLEXOGRAPHIQUE SUR UNE SURFACE TEXTUREE**
[72] COURTNEY, SHELBY LEIGH, US
[72] KING, JONATHAN CHARLES, US
[72] FULLEM, MARC ERIC, US
[71] STEELSCAPE, LLC, US
[22] 2017-08-24
[41] 2018-03-01
[30] US (62/382,721) 2016-09-01
[30] US (15/493,375) 2017-04-21

[21] **2,977,263**
[13] A1
[51] **Int.Cl. C13B 99/00 (2011.01) C13B 50/00 (2011.01)**
[25] EN
[54] **PROCESS OF PRODUCING MAPLE SYRUP**
[54] **PROCEDE DE PRODUCTION DE SIROP D'ERABLE**
[72] VEILLEUX, ALAIN, CA
[71] HUTCHINSON ACRES INC., CA
[22] 2017-08-23
[41] 2018-02-28
[30] US (62/380.755) 2016-08-29

[21] **2,977,272**
[13] A1
[51] **Int.Cl. F24F 11/62 (2018.01) F24F 11/50 (2018.01) F24F 11/58 (2018.01) F24D 19/10 (2006.01) G05D 23/19 (2006.01) G01W 1/10 (2006.01)**
[25] EN
[54] **WEATHER ANTICIPATING PROGRAMMABLE THERMOSTAT AND WIRELESS NETWORK PTAC CONTROL**
[54] **THERMOSTAT PROGRAMMABLE ANTICIPANT LES CONDITIONS METEOROLOGIQUES ET CONTROLE DE CONDITIONNEUR D'AIR MONOBLOC PAR RESEAU SANS FIL**
[72] LEWIS, MATTHEW J., CA
[71] IOT CLOUD TECHNOLOGIES INC., CA
[22] 2017-08-25
[41] 2018-02-28
[30] US (62/380,654) 2016-08-29
[30] US (62/399,397) 2016-09-24
[30] US (62/463,505) 2017-02-24

[21] **2,977,294**
[13] A1
[51] **Int.Cl. F01N 13/18 (2010.01) F01N 1/24 (2006.01)**
[25] EN
[54] **REPACKABLE MUFFLER**
[54] **SILENCIEUX REEMBALLABLE**
[72] NEILL, RAYMOND, CA
[72] JACOBS, GEORGE, CA
[72] DENOMME, DAVID ROBERT, CA
[71] 2747-6035 QUEBEC INC., CA
[22] 2017-08-24
[41] 2018-02-25
[30] US (62/379,278) 2016-08-25

[21] **2,977,302**
[13] A1
[51] **Int.Cl. G06F 15/16 (2006.01) G06F 11/30 (2006.01) G06F 17/30 (2006.01)**
[25] EN
[54] **CLOUD COLLABORATION AND MANAGEMENT APPLICATION**
[54] **APPLICATION DE COLLABORATION ET GESTION NUAGIQUES**
[72] DWORKIN, ALEXANDER CHARLES MARSHALL, CA
[71] DWORKIN, ALEXANDER CHARLES MARSHALL, CA
[22] 2017-08-25
[41] 2018-02-26
[30] US (62/379,833) 2016-08-26

[21] **2,977,311**
[13] A1
[51] **Int.Cl. F16F 9/10 (2006.01) F16F 7/00 (2006.01) F16F 11/00 (2006.01)**
[25] EN
[54] **HYDRAULIC DAMPER FOR A MOUNT ASSEMBLY**
[54] **ATTENUATEUR HYDRAULIQUE DESTINE A UN DISPOSITIF D'INSTALLATION**
[72] SNYDER, CURTIS, CA
[72] GUENO, ERIC, FR
[71] COOPER-STANDARD AUTOMOTIVE INC., US
[22] 2017-08-28
[41] 2018-02-28
[30] US (15/682,888) 2017-08-22
[30] US (62/380,682) 2016-08-29

[21] **2,977,312**
[13] A1
[51] **Int.Cl. D21H 19/82 (2006.01)**
[25] EN
[54] **COATED PAPER-BASED SUSBSTRATE FOR CONTAINERS AND PROCESS FOR MAKING THE SAME**
[54] **SUBSTRAT A BASE DE PAPIER COUCHE DESTINE A DES CONTENANTS ET PROCEDE DE FABRICATION ASSOCIE**
[72] MONGRAIN, YVON, CA
[72] ALLEN, EMILIE, CA
[71] CASCADES SONOCO INC., CA
[22] 2017-08-25
[41] 2018-02-25
[30] CA (2.940.370) 2016-08-25

[21] **2,977,313**
[13] A1
[51] **Int.Cl. A45D 34/00 (2006.01) B65D 85/00 (2006.01)**
[25] EN
[54] **ARRAY OF BREAKABLE WAX MELTS AND ARRAY OF CONTAINERS FOR BREAKABLE WAX MELTS**
[54] **GROUPE DE MOULAGES A LA CIRE BRISABLES ET GROUPE DE CONTENANTS DESTINES AUX MOULAGES A LA CIRE BRISABLES**
[72] FOX, SARA ELIZABETH, US
[72] PROPES, TRAVIS, US
[71] THE PROCTER & GAMBLE COMPANY, US
[22] 2017-08-25
[41] 2018-02-25
[30] US (15/246,740) 2016-08-25

[21] **2,977,363**
[13] A1
[51] **Int.Cl. H01R 13/6581 (2011.01) H01R 24/00 (2011.01)**
[25] EN
[54] **ELECTRICAL CONNECTOR**
[54] **CONNECTEUR ELECTRIQUE**
[72] ROBERTS, STERLING, CA
[71] STERLING INNOVATION INC., CA
[22] 2017-08-24
[41] 2018-02-26
[30] US (15/249,111) 2016-08-26

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[13] A1
[51] **Int.Cl. B60W 40/09 (2012.01) B60K 28/02 (2006.01) B60R 11/04 (2006.01)**
[25] EN
[54] **PROCESS FOR IMPROVING VEHICLE DRIVER BEHAVIOR**
[54] **PROCEDE D'AMELIORATION DU COMPORTEMENT D'UN CONDUCTEUR DE VEHICULE**
[72] BURKE, BERTRAM V., US
[72] BURKE, MICHAELA C., US
[71] BURKE, BERTRAM V., US
[71] BURKE, MICHAELA C., US
[22] 2017-08-28
[41] 2018-02-26
[30] US (15/248574) 2016-08-26
[30] US (15/397419) 2017-01-03
[30] US (62/461064) 2017-02-20
[30] US (62/470857) 2017-03-13

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[13] A1
[51] **Int.Cl. F16L 55/00 (2006.01) F16L 55/132 (2006.01)**
[25] EN
[54] **TOOLS AND METHODS FOR SETTING A PLUG INSIDE A PIPE**
[54] **OUTILS ET METHODES D'INSTALLATION D'UN BOUCHON A L'INTERIEUR D'UN TUYAU**
[72] ILLINGWORTH, TROY, CA
[72] SHARP, TIM, CA
[72] CUSACK, DALE, CA
[71] NUWAVE INDUSTRIES INC., CA
[22] 2017-08-25
[41] 2018-02-26
[30] US (62/380,078) 2016-08-26

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[21] **2,977,470**
[13] A1
[51] **Int.Cl. B60S 1/56 (2006.01) B60R 11/04 (2006.01)**
[25] EN
[54] **WINDOW GLASS HEATING DEVICE**
[54] **APPAREIL DE CHAUFFAGE DE VITRAGE DE FENETRE**
[72] OIKAWA, YOSHITAKA, JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[22] 2017-08-25
[41] 2018-02-28
[30] JP (2016-166493) 2016-08-29

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[13] A1
[51] **Int.Cl. H05K 5/06 (2006.01) F24F 7/007 (2006.01) F24F 13/20 (2006.01)**
[25] EN
[54] **ELECTRICAL FUNCTION CASSETTE HAVING WATERPROOF FUNCTION AND VENTILATING FAN EMPLOYING THE SAME**
[54] **CASSETTE A FONCTION ELECTRIQUE DOTEE D'UNE FONCTION D'IMPERMEABILISATION ET SOUFFLANTE DE VENTILATION L'EMPLOYANT**
[72] ZHONG, SHENGHUI, CN
[72] LIANG, QIUQIAN, CN
[71] PANASONIC ECOLOGY SYSTEMS GUANGDONG CO., LTD., CN
[22] 2017-08-24
[41] 2018-02-26
[30] CN (201620947932.1) 2016-08-26

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[13] A1
[51] **Int.Cl. B43L 21/00 (2006.01) A47K 10/20 (2006.01) A47L 1/15 (2006.01) A47L 13/16 (2006.01) B43L 19/00 (2006.01)**
[25] EN
[54] **DRY ERASER AND ASSOCIATED SYSTEMS AND METHODS**
[54] **BROSSE D'EFFACAGE A SEC, ET SYSTEMES ET METHODES ASSOCIES**
[72] ROGERS, SHEILA KAY, US
[72] LEWIS, CRYSTAL LYNN, US
[72] LEWIS, STEVEN JACKSON, US
[72] MORRIS, SOSHA KAY, US
[71] WAL-MART STORES, INC., US
[22] 2017-08-29
[41] 2018-02-28
[30] US (62/381,328) 2016-08-30

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[13] A1
[51] **Int.Cl. A47G 27/02 (2006.01) A47F 7/16 (2006.01) B65D 71/40 (2006.01)**
[25] EN
[54] **MERCHANDISERS, MATS, HANG TABS, AND METHODS OF MANUFACTURE AND USE THEREOF**
[54] **PRODUITS DERIVES, TAPIS, PANNEAUX A OEILLET ET METHODES DE FABRICATION ET UTILISATION ASSOCIEES**
[72] FOLEY, PATRICK, US
[72] HAMMAN, JACK, US
[72] RUSSELL, GRETCHEN, US
[72] RAFTER, ROBERT, US
[72] LONG, JAY, US
[72] ROHRMAN, KATHY, US
[72] IRVING, ROY, US
[71] DEFLECTO, LLC, US
[22] 2017-08-24
[41] 2018-02-26
[30] US (62/380,144) 2016-08-26

[21] **2,977,509**
[13] A1
[51] **Int.Cl. B08B 13/00 (2006.01) B08B 1/00 (2006.01)**
[25] EN
[54] **DRY ERASER AND ASSOCIATED SYSTEMS AND METHODS**
[54] **BROSSE D'EFFACAGE A SEC, ET SYSTEMES ET METHODES ASSOCIES**
[72] ROGERS, SHEILA KAY, US
[72] LEWIS, CRYSTAL LYNN, US
[72] LEWIS, STEVEN JACKSON, US
[72] MORRIS, SOSHA KAY, US
[71] WAL-MART STORES, INC., US
[22] 2017-08-29
[41] 2018-02-28
[30] US (62/381,338) 2016-08-30

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[13] A1
[51] **Int.Cl. F28G 15/02 (2006.01) F22B 37/56 (2006.01) F28G 1/16 (2006.01) F28G 15/04 (2006.01)**
[25] EN
[54] **INDEXER, INDEXER RETROFIT KIT AND METHOD OF USE THEREOF**
[54] **INDEXEUR, TROUSSE DE REMISE EN ETAT D'INDEXEUR ET METHODE D'UTILISATION ASSOCIEE**
[72] GROMES, TERRY DEAN, SR., US
[72] GROMES, TERRY DEAN, JR., US
[72] GROMES, KRISTEN E., US
[72] SHOCKEY, JON. M., JR., US
[72] EAST, GORDON W., US
[72] JACKSON, WILLIAM C., US
[71] TERYDON, INC., US
[22] 2017-08-29
[41] 2018-02-28
[30] US (62/381,390) 2016-08-30

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[13] A1
[51] **Int.Cl. E05C 3/34 (2006.01)**
[25] EN
[54] **MULTI-POINT LOCKING SYSTEM**
[54] **SYSTEME DE VERROUILLAGE MULTIPOINT**
[72] VAN KLOMPENBURG, MARIO, US
[72] HANSEN, TED L., US
[72] VANDE HAAR, EVAN R., US
[72] LEATHERS, TODD M., US
[71] PELLA CORPORATION, US
[22] 2017-08-29
[41] 2018-02-28
[30] US (62/381,429) 2016-08-30

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[21] **2,977,524**
[13] A1
[51] **Int.Cl. B03B 9/02 (2006.01)**
[25] EN
[54] **PROCESS FOR IMPROVING DEWATERING CHARACTERISTICS OF OIL SANDS TAILINGS BY TREATMENT WITH LIME**
[54] **PROCEDE D'AMELIORATION DE CARACTERISTIQUES DE DESHYDRATATION DES RESIDUS DE SABLES BITUMINEUX PAR TRAITEMENT A LA CHAUX**
[72] OZUM, BAKI, CA
[71] APEX ENGINEERING INC., CA
[22] 2017-08-24
[41] 2018-02-26
[30] CA (2,940,308) 2016-08-26

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[13] A1
[51] **Int.Cl. G02B 6/46 (2006.01)**
[25] EN
[54] **OPTIC CABLE PULLER ASSEMBLY**
[54] **DISPOSITIF DE TRACTION DE CABLE OPTIQUE**
[72] LEVY, MOISE, CA
[71] BELDEN CANADA INC., CA
[22] 2017-08-25
[41] 2018-03-02
[30] US (62/382,903) 2016-09-02

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[13] A1
[51] **Int.Cl. G04G 7/00 (2006.01) H04N 21/242 (2011.01)**
[25] EN
[54] **TIME SYNCHRONIZATION SYSTEM**
[54] **SYSTEME DE SYNCHRONISATION TEMPORELLE**
[72] SHIMIZU, TAKESHI, JP
[72] NARITA, KAZUKI, JP
[71] MEDIA LINKS CO., LTD., JP
[22] 2017-08-29
[41] 2018-02-28
[30] JP (2016-169944) 2016-08-31

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[13] A1
[51] **Int.Cl. F16L 47/22 (2006.01) B29C 45/14 (2006.01) F16L 47/00 (2006.01)**
[25] EN
[54] **INJECTION MOLDED COLD-EXPANSION COMPRESSION COLLAR**
[54] **COLLIER DE COMPRESSION A DILATATION A FROID MOULE PAR INJECTION**
[72] RUNYAN, GARY L., US
[71] ZURN INDUSTRIES, LLC, US
[22] 2017-08-29
[41] 2018-03-02
[30] US (62/383,001) 2016-09-02
[30] US (15/687,106) 2017-08-25

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[21] **2,977,610**
[13] A1
[51] **Int.Cl. F16L 25/00 (2006.01) F16L 58/18 (2006.01)**
[25] EN
[54] **EXTRUDED COLD-EXPANSION COMPRESSION COLLAR**
[54] **COLLIER DE COMPRESSION A DILATATION A FROID EXTRUDE**
[72] RUNYAN, GARY L., US
[71] ZURN INDUSTRIES, LLC, US
[22] 2017-08-29
[41] 2018-03-02
[30] US (62/382,910) 2016-09-02
[30] US (15/686,758) 2017-08-25

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[13] A1
[51] **Int.Cl. E04F 13/22 (2006.01) A47G 1/16 (2006.01) F16B 37/04 (2006.01)**
[25] EN
[54] **WALL ANCHOR**
[54] **ANCRAGE MURAL**
[72] ASKOF, AVRAHAM, IL
[72] STEINER, YIGAL, IL
[71] KETER PLASTIC LTD., IL
[22] 2017-08-29
[41] 2018-03-01
[30] IL (247594) 2016-09-01
[30] IL (253430) 2017-07-11

[21] **2,977,668**
[13] A1
[51] **Int.Cl. E05C 9/02 (2006.01) E05C 9/18 (2006.01)**
[25] EN
[54] **CASEMENT WINDOW LOCK BAR**
[54] **BARRE DE VERROUILLAGE DE FENETRE A BATTANT**
[72] MINTER, PETER, US
[72] JONES, MARK, US
[71] INTERLOCK USA, INC., US
[22] 2017-08-30
[41] 2018-02-28
[30] US (62/381,764) 2016-08-31
[30] US (62/414,026) 2016-10-28
[30] US (15/686,819) 2017-08-25

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[13] A1
[51] **Int.Cl. E21B 7/02 (2006.01)**
[25] EN
[54] **CRANE-FREE WALKING MPD SYSTEM**
[54] **SYSTEME MOBILE DE FORAGE SOUS PRESSION SANS GRUE**
[72] LOCK, JASON, CA
[72] GREEN, RON, CA
[71] BEYOND ENERGY SERVICES & TECHNOLOGY CORP., CA
[22] 2017-08-23
[41] 2018-02-28
[30] CA (2,940,434) 2016-08-30

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[13] A1
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[54] **HYBRID FLUID COOLER METHOD AND APPARATUS**
[54] **METHODE ET APPAREIL REFROIDISSEUR DE FLUIDE HYBRIDE**
[72] STRATMAN, JASON, US
[71] SPX COOLING TECHNOLOGIES, INC., US
[22] 2017-08-29
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[51] **Int.Cl. C07K 1/08 (2006.01) C07K 1/10 (2006.01)**
[25] EN
[54] **USE OF EXCESS CARBODIIMIDE FOR PEPTIDE SYNTHESIS AT ELEVATED TEMPERATURES**
[54] **UTILISATION D'EXCES DE CARBODIIMIDE POUR LA SYNTHESE DE PEPTIDE A DES TEMPERATURES ELEVEES**
[72] COLLINS, JONATHAN M., US
[72] SINGH, SANDEEP K., US
[71] CEM CORPORATION, US
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[41] 2018-03-02
[30] US (62/382949) 2016-09-02
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[25] EN
[54] **OUTDOOR ENCLOSURE WITH NATURAL VISUAL CHARACTERISTICS**
[54] **ENCEINTE EXTERIEURE DOTEE DE CARACTERISTIQUES VISUELLES NATURELLES**
[72] KUBICA, RYAN, US
[71] PLANO MOLDING COMPANY, US
[22] 2017-08-29
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[54] **TECHNICAL KNIT GLOVE**
[54] **GANT EN TRICOT TECHNIQUE**
[72] GELLIS, DAVID, US
[72] HORN, M. COLEMAN, US
[71] MADGRIP HOLDINGS, LLC, US
[22] 2017-08-29
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[25] EN
[54] **MULTI-LEVEL SECURITY MECHANISM FOR ACCESSING A PANEL**
[54] **MECANISME DE SECURITE MULTINIVEAU DESTINE A L'ACCES A UN PANNEAU**
[72] MOHAN, RESHMA, US
[72] GAURAV, GALIB, US
[72] RAJKUMAR, MALATHY, US
[72] SAMPATHKUMAR, KARTHIC, US
[72] ANKIREDDY, VENKATA PRAKASH REDDY, US
[71] HONEYWELL INTERNATIONAL INC., US
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[25] EN
[54] **ADJUSTABLE SEAT TUBE STRUCTURE AND BICYCLE**
[54] **STRUCTURE DE TUBE DE SIEGE AJUSTABLE ET BICYCLETTE**
[72] JHOU, SHU-YU, TW
[72] HSU, CHE-WEI, TW
[71] GIANT MANUFACTURING CO., LTD., TW
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[25] EN
[54] **AUTOMOTIVE WHEEL OVERLAY ATTACHMENT SYSTEM**
[54] **SYSTEME DE FIXATION DE REVETEMENT DE ROUE D'AUTOMOBILE**
[72] NUNES, MITCHELL, US
[72] KRUSE, KURT, US
[71] KEYSTONE AUTOMOTIVE INDUSTRIES, INC., US
[22] 2017-08-30
[41] 2018-02-28
[30] US (15/253,331) 2016-08-31

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[54] **RESTRAINT SYSTEM**
[54] **MECANISME DE RETENUE**
[72] KOVAC, DAVID, US
[71] INTEVA PRODUCTS, LLC, US
[22] 2017-08-29
[41] 2018-03-02
[30] US (62/382,960) 2016-09-02

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[25] EN
[54] **VISUALLY IMPAIRED ACCESSIBLE SIGNAGE**
[54] **SIGNALISATION ACCESSIBLE AUX PERSONNES AYANT UNE DEFICIENCE VISUELLE**
[72] MAMAN, REUVEN, IL
[72] MAMAN, ISRAEL, IL
[71] MAMAN, REUVEN, IL
[71] MAMAN, ISRAEL, IL
[22] 2017-08-31
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[25] EN
[54] **SYSTEM AND METHOD FOR FAST PROBABILISTIC QUERYING ROLE-BASED ACCESS CONTROL SYSTEMS**
[54] **SYSTEME ET METHODE DE REQUETE PROBABILISTIQUE RAPIDE DE SYSTEMES A CONTROLE D'ACCES FONDE SUR LE ROLE**
[72] RUSS, FERNANDO, AR
[72] ABRAHAM, SERGIO, AR
[71] ONAPSIS, INC., US
[22] 2017-08-31
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[30] US (15/254,136) 2016-09-01

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[54] **ANIMAL PEN WITH REMOVABLE DIVIDERS**
[54] **ENCLOS POUR ANIMAL DOTE DE DIVISIONS AMOVIBLES**
[72] WOOD, BURTON MARK, CA
[72] VANBUUREN, DARREN, CA
[71] POLY DOME ONTARIO INC., CA
[22] 2017-08-30
[41] 2018-02-28
[30] US (62/381,424) 2016-08-30

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[25] EN
[54] **ANIMAL WASTE REMOVAL APPARATUS**
[54] **APPAREIL D'ENLEVEMENT DE DEJECTIONS ANIMALES**
[71] FILMER, MIKE, US
[22] 2017-09-01
[41] 2018-03-01
[30] US (62/382,482) 2016-09-01
[30] US (15/693,835) 2017-09-01

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[25] EN
[54] **APPARATUS AND METHOD FOR APPLYING EYELASH EXTENSIONS**
[54] **APPAREILLAGE ET METHODE D'APPLICATION DE RALLONGES DE CILS**
[72] LAPLANTE, LANA JEANAN, CA
[71] LAPLANTE, LANA JEANAN, CA
[22] 2017-09-01
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[25] EN
[54] **ELECTRICALLY CONDUCTIVE CONDUIT ASSEMBLY**
[54] **ASSEMBLAGE DE CONDUIT CONDUCTEUR ELECTRIQUE**
[72] LYALL, BRANT, US
[72] PETERSON, DAVID, US
[72] IGNACZAK, BRIAN, US
[71] NORMA U.S. HOLDING LLC, US
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[41] 2018-02-28
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[25] EN
[54] **VACCINE DELIVERY SYSTEMS USING YEAST CELL WALL PARTICLES**
[54] **SYSTEMES DE DISTRIBUTION DE VACCIN EMPLOYANT DES PARTICULES DE PAROI DE CELLULE DE LEVURE**
[72] WAGNER, THOMAS E., US
[72] PEOPLES, GEORGE E., JR., US
[71] ORBIS HEALTH SOLUTIONS, LLC, US
[22] 2017-08-31
[41] 2018-02-28
[30] US (15/252,999) 2016-08-31

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[51] **Int.Cl. H05B 3/10 (2006.01) E04F 15/00 (2006.01)**
[25] EN
[54] **PTC HEATER WITH AUTONOMOUS CONTROL**
[54] **APPAREIL DE CHAUFFAGE A COEFFICIENT DE TEMPERATURE POSITIF DOTE D'UNE COMMANDE AUTONOME**
[72] SHEARER, JON, US
[72] AESCHLIMAN, CARL, US
[72] OWENS, GEORGE F., US
[72] ROACH, KEVIN EDWARD, US
[71] HAMILTON SUNDSTRAND CORPORATION, US
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[51] **Int.Cl. B64F 5/60 (2017.01) B64C 25/58 (2006.01) B64C 25/60 (2006.01)**
[25] EN
[54] **SHOCK STRUT SERVICE MONITORING USING GAS PRESSURE AND TEMPERATURE SENSORS, COMBINED WITH PHYSICAL STRUT MEASUREMENT AND TAKING INTO ACCOUNT GAS ABSORPTION/DESORPTION IN A FLUID**
[54] **SURVEILLANCE DU SERVICE D'AMORTISSEUR AU MOYEN DE CAPTEUR DE PRESSION DE GAZ ET DE TEMPERATURE, COMBINEE AVEC LA MESURE PHYSIQUE DE L'AMORTISSEUR ET TENANT COMPTE DE L'ABSORPTION/DESORPTION DU GAZ DANS UN FLUIDE**
[72] LUCE, WILLIAM E., US
[72] FAZELI, AMIR, CA
[71] GOODRICH CORPORATION, US
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[25] EN
[54] **FLEXIBLE PRINTED CIRCUIT BOARD AND CORRESPONDING SECURED CONNECTION METHOD**
[54] **CARTE DE CIRCUITS IMPRIMES SOUPLE ET METHODE DE CONNEXION SECURISEE CORRESPONDANTE**
[72] PHILIBERT, ERIC, FR
[72] ALLIROT, RICHARD, FR
[71] INGENICO GROUP, FR
[22] 2017-08-30
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[51] **Int.Cl. G02B 6/34 (2006.01) G01D 5/26 (2006.01)**
[25] EN
[54] **AUTOMATED SYSTEM FOR TRANS-JACKET FIBER BRAGG GRATING INSCRIPTION AND MANUFACTURING**
[54] **SYSTEME AUTOMATISE D'INSCRIPTION ET FABRICATION DE RESEAU DE BRAGG SUR FIBRE TRANS-GAINE**
[72] MIHAILOV, STEPHEN, CA
[72] GROBNIC, DAN, CA
[72] LAUSTEN, RUNE, CA
[72] WALKER, ROBERT, CA
[72] LU, PING, CA
[72] DING, HUIMIN, CA
[72] COULAS, DAVID, CA
[72] HNATOVSKY, CYRIL, CA
[71] NATIONAL RESEARCH COUNCIL OF CANADA, CA
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[51] **Int.Cl. E21B 33/04 (2006.01) E21B 19/08 (2006.01) E21B 19/16 (2006.01)**
[25] EN
[54] **APPARATUS, SYSTEMS, AND METHODS FOR A ROTATABLE HANGER ASSEMBLY**
[54] **APPAREIL, SYSTEME ET METHODES DESTINES A UN ASSEMBLAGE DE SUPPORT PIVOTANT**
[72] FINOL, JAVIER ADOLFO GARCIA, CA
[72] MARTINKA, GLEN GEORGE, CA
[72] RASHID, S.M. MAMUN UR, CA
[71] NATIONAL OILWELL VARCO, L.P., US
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[51] **Int.Cl. B23P 15/00 (2006.01) F04C 2/107 (2006.01) F04C 15/00 (2006.01)**
[25] EN
[54] **BROACHING AND/OR FRICTION WELDING TECHNIQUES TO FORM UNDERCUT PDM STATORS**
[54] **TECHNIQUES DE BROCHAGE OU DE SOUDAGE PAR FRICTION EN VUE DE FORMER DES STATORS A DEGAGEMENT A MODULATION PAR IMPULSIONS DE DUREE VARIABLE**
[72] CARIVEAU, PETER THOMAS, US
[72] NGUYEN, CHINH TRUNG, US
[71] BASINTEK, LLC, US
[22] 2017-09-01
[41] 2018-03-02
[30] US (62/383,217) 2016-09-02
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[51] **Int.Cl. G01N 33/15 (2006.01) A61K 36/185 (2006.01)**
[25] EN
[54] **HOME TEST KIT FOR PREPARING AN EXTRACT FROM A HERB**
[54] **TROUSSE DE TEST MAISON DESTINEE A LA PREPARATION D'UN EXTRAIT D'HERBE**
[72] MCDONALD, JODI COLLEEN, CA
[72] SZARKA, RODERICK JAMES, CA
[71] KEYSTONE LABS INC., CA
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[25] EN
[54] **CARBON NANOTUBE-BASED MAGNETIC BIO-INK AND BIOSENSORS AND METHODS OF MAKING AND USING**
[54] **BIOCAPTEURS ET BIOENCRE A BASE DE NANOTUBE DE CARBONE ET METHODES DE FABRICATION ET UTILISATION**
[72] FATTAH, ABDEL RAHMAN ABDEL, CA
[72] ABDALLA, AHMED M., EG
[72] GENG, FEI, CA
[72] MISHRIKI, SARAH, CA
[72] MELECA, ELVIRA, CA
[72] PURI, ISHWAR K., CA
[72] GHOSH, SUVOJIT, CA
[71] MCMASTER UNIVERSITY, CA
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[51] **Int.Cl. F16L 1/06 (2006.01) E21B 7/28 (2006.01) F16L 1/028 (2006.01)**
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[54] **PULLHEAD DEVICE AND METHOD FOR USE**
[54] **APPAREIL DE TETE DE TRACTION ET METHODE D'UTILISATION**
[72] BAUMGARTNER, CLINTON J., US
[72] GILLARD, JASON M., US
[72] SKOGEN, NICK P., US
[72] HILSMAN, RUSSELL H., US
[72] BAUMGARTNER, TRAVIS J., US
[72] ELLINGSON, JEREMY R., US
[71] ELLINGSON COMPANIES, US
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[51] **Int.Cl. F41H 1/02 (2006.01) A63B 71/08 (2006.01) F41H 1/04 (2006.01)**
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[54] **BALLISTIC COLLAR**
[54] **COLLIER BALLISTIQUE**
[72] BECK, JASON, US
[71] TYR TACTICAL, LLC, US
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[51] **Int.Cl. E04D 13/072 (2006.01) E04D 13/068 (2006.01)**
[25] EN
[54] **GUTTER HANGER ASSEMBLY**
[54] **DISPOSITIF DE SUPPORT DE GOUTTIERE**
[72] ELLIOTT, BENJAMIN R., US
[72] BILBO, TIMOTHY, US
[72] FOSTER, GREGORY J., US
[72] SHELDON, ROBERT W., US
[71] OMNIMAX INTERNATIONAL, INC., US
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[54] **HIGH EFFICIENCY CAST IRON ANODE**
[54] **ANODE EN FONTE HAUTE EFFICACITE**
[72] MOGHBELI, OMIDREZA, US
[71] CMP CANADA METAL PACIFIC LTD., CA
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[41] 2018-03-02
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[51] **Int.Cl. C09K 8/28 (2006.01)**
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[54] **ASPHALT WATER-BASED DRILLING FLUID ADDITIVE**
[54] **ADDITIF DE FLUIDE DE FORAGE A BASE D'EAU POUR ASPHALTE**
[72] PLOENSE, DAVID MICHAEL, US
[71] OWENS CORNING INTELLECTUAL CAPITAL, LLC, US
[22] 2017-09-01
[41] 2018-03-02
[30] US (62/382,898) 2016-09-02

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[51] **Int.Cl. H04L 12/12 (2006.01) H04L 9/32 (2006.01) H04L 12/14 (2006.01)**
[25] EN
[54] **METHOD OF ACCESSING NETOWRK CONNECTIVITY WITH A PORTABLE COMPUTING DEVICE**
[54] **METHODE D'ACCES UNE CONNECTIVITE RESEAU AU MOYEN D'UN APPAREIL INFORMATIQUE PORTABLE**
[72] SABHARWAL, ROBERT J., US
[71] SABHARWAL, ROBERT J., US
[22] 2017-10-10
[41] 2018-02-28
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[51] **Int.Cl. A44C 5/00 (2006.01)**
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[54] **COMMUNICATION BRACELET**
[54] **BRACELET DE COMMUNICATION**
[72] STERLING, KARLA-GAE, CA
[71] STERLING, KARLA-GAE, CA
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PCT Applications Entering the National Phase

Demandes PCT entrant en phase nationale

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[25] EN
[54] **QUICK-RELEASE COUPLING ASSEMBLY FOR UPRIGHT MEMBERS OF A WALKER APPARATUS**
[54] **DISPOSITIF DE COUPLAGE A LIBERATION RAPIDE DESTINE A DES ELEMENTS VERTICAUX D'UNE MARCHETTE**
[72] LIU, JULIAN, CA
[71] EVOLUTION TECHNOLOGIES INC., CA
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[25] EN
[54] **A NON-ISOLATED SWITCHING MODE POWER SUPPLY FOR A HIGH-VOLTAGE LIGHT STRIP**
[54] **UNE ALIMENTATION ELECTRIQUE A MODE DE COMMUTATION NON ISOLE DESTINEE A UNE RAMPE D'ECLAIRAGE HAUTE TENSION**
[72] ZHANG, PEILIANG, CN
[71] GUANGDONG OML TECHNOLOGY CO., LTD., CN
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[25] EN
[54] **SYSTEM AND METHOD FOR CREATING TIME-ACCURATE EVENT STREAMS**
[54] **SYSTEME ET METHODE SERVANT A CREER DES FLUX D'EVENEMENTS PRECIS DANS LE TEMPS**
[72] PARK, ROBERT, US
[72] AISEN, DANIEL CHARLES, US
[72] BISHOP, ALLISON BRETON, US
[72] SANGHVI, PRERAK P., US
[72] TATEYAMA, BEAU SEICHI, US
[72] CAPE, JAMES M., US
[72] CHUNG, FRANCIS, US
[72] SOKOLOFF, CONSTANTINE, US
[71] IEX GROUP, INC., US
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[54] **SUPPORT PAD FOR INFANT**
[54] **COUSSIN D'APPUI DESTINE A UN BAMBIN**
[72] PAPERNO, STEVEN, US
[71] PAPERNO, STEVEN, US
[85] 2017-09-07
[86] 2017-08-29 (PCT/US2017/049190)
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[25] EN
[54] **SYSTEM AND METHOD OF HIGH PRESSURE OXY-FIRED (HIPROX) FLASH METALLIZATION**
[54] **SYSTEME ET METHODE DE METALLISATION FLASH A OXYCOMBUSTION HAUTE PRESSION**
[72] CLEMENTS, BRUCE R., CA
[72] ASIRI, MOHAMMAD SAMEER, CA
[72] DUCHESNE, MARC ALEXANDER, CA
[72] HUGHES, ROBIN W., CA
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[51] **Int.Cl. A01K 13/00 (2006.01)**
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[54] **BRUSH DEVICE FOR ANIMALS**
[54] **DISPOSITIF BROSSE POUR ANIMAUX**
[72] KULTANEN, JUHA, FI
[71] KULTANEN, JUHA, FI
[85] 2017-09-21
[86] 2016-04-04 (PCT/FI2016/050206)
[87] (WO2016/162596)
[30] FI (20150106) 2015-04-07

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[72] BALASUNDARAM, ANURADHA, GB
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[71] REACTA BIOTECH LIMITED, GB
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[54] **PILE A COMBUSTIBLE A OXYDE SOLIDE**
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[72] IZUMI, TAKAO, JP
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[54] **APPAREIL ET PROCEDE DE FABRICATION ET D'ASSEMBLAGE**
[72] INAGAKI, TAKAHIRO, JP
[72] TOMBE, TOSHIHIRO, JP
[72] GOTO, TAKUYA, JP
[72] HIRAI, MAKOTO, JP
[72] GOTO, NAOKI, JP
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[54] **TONDEUSE A BARBE AVEC UNE OU PLUSIEURS TETES ROTATIVES COMPORTANT UNE LAME FIXE A GEOMETRIE PARTICULIERE**
[72] JULEMONT, PIERRE, BE
[72] SMAL, OLIVIER, BE
[71] BABYLISS FACO SPRL, BE
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[54] **COMPOSITIONS AND METHODS FOR TREATING CELIAC SPRUE DISEASE**
[54] **COMPOSITIONS ET METHODES DE TRAITEMENT DE LA MALADIE COELIAQUE**
[72] PULTZ, INGRID SWANSON, US
[72] WOLF, CLANCEY, US
[72] SIEGEL, JUSTIN BLOOMFIELD, US
[72] TINBERG, CHRISTINE ELAINE, US
[72] STEWART, LANCE, US
[72] BAKER, DAVID, US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[71] UNIVERSITY OF WASHINGTON, US
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[54] **COMPOSITIONS COMPRISING BACTERIAL STRAINS**
[54] **COMPOSITIONS COMPRENANT DES SOUCHES BACTERIENNES**
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[72] PATTERSON, ANGELA MARGARET, GB
[72] MULDER, IMKE, GB
[72] MCCLUSKEY, SEANIN, GB
[72] RAFTIS, EMMA, GB
[71] 4D PHARMA RESEARCH LIMITED, GB
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[54] **ENZYMATIC-ASSISTED HYDROTHERMAL EXTRACTION OF HEMICELLULOSES**
[54] **EXTRACTION D'HEMICELLULOSES HYDROTHERMIQUE ASSISTEE PAR DES ENZYMES**
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[72] RUTHES, ANDREA CAROLINE, SE
[71] LANTMANNEN EK FOR, SE
[85] 2017-12-08
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[25] EN
[54] **NOVEL PROTEINS SPECIFIC FOR LAG-3**
[54] **NOUVELLES PROTEINES SPECIFIQUES A LAG-3**
[72] ROTHE, CHRISTINE, DE
[72] ALLERSDORFER, ANDREA, DE
[72] WIEDENMANN, ALEXANDER, DE
[72] BEL AIBA, RACHIDA SIHAM, DE
[72] OLWILL, SHANE, DE
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[25] EN
[54] **OXIDATIVE METHOD**
[54] **PROCEDE OXYDATIF**
[72] HAGE, RONALD, NL
[72] MAAIJEN, KARIN, NL
[72] ROELOFSEN, YFRANKA PETRONELLA AREKE, NL
[71] CATEXEL TECHNOLOGIES LIMITED, GB
[85] 2017-12-08
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[54] **OXIDATIVE METHOD**
[54] **PROCEDE OXYDATIF**
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[72] MAAIJEN, KARIN, NL
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[71] CATEXEL TECHNOLOGIES LIMITED, GB
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[25] EN
[54] **HIGH THROUGHPUT OPTIMIZATION OF CONTENT-LOADED NANOPARTICLES**
[54] **OPTIMISATION A HAUT RENDEMENT DE NANOPARTICULES CHARGEES D'UN CONTENU**
[72] HADRUP, SINE REKER, DK
[72] LYNGSO, CHRISTINA, DK
[72] JAKOBSEN, SOREN NYBOE, DK
[71] DANMARKS TEKNISKE UNIVERSITET, DK
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[54] **SYSTEMES ET PROCEDES PERMETTANT DE CATEGORISER DES RESSOURCES WEB**
[72] FLOERING, MICHAEL, US
[71] VERACODE, INC., US
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[25] EN
[54] **LUBRICANTS WITH ZINC DIALKYL DITHIOPHOSPHATE AND THEIR USE IN BOOSTED INTERNAL COMBUSTION ENGINES**
[54] **LUBRIFIANTS A BASE DE DIALKYLDITHIOPHOSPHATE DE ZINC ET LEUR UTILISATION DANS DES MOTEURS A COMBUSTION INTERNE SURALIMENTES**
[72] FLETCHER, KRISTIN, US
[72] LAM, WILLIAM Y., US
[72] YANG, KONGSHENG, US
[72] STYER, JEREMY, US
[71] AFTON CHEMICAL CORPORATION, US
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[25] EN
[54] **PROCESS FOR PRODUCING EGG YOLK WITH HIGH CONTENT OF AF-16**
[54] **PROCEDE DE PRODUCTION DE JAUNE D'□UF AYANT UNE TENEUR ELEVEE EN AF-16**
[72] LANGE, STEFAN, SE
[71] LANTMANNEN AS-FAKTOR AB, SE
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[54] **SILK PERFORMANCE APPAREL AND PRODUCTS AND METHODS OF PREPARING THE SAME**
[54] **PIECE D'HABILLEMENT TECHNIQUE EN SOIE ET PROCEDES DE PREPARATION**
[72] ALTMAN, GREGORY H., US
[72] MORTARINO, ENRICO, US
[71] SILK THERAPEUTICS, INC., US
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[54] **AUGMENTATION DE LA REALITE A L'AIDE D'UNE PETITE CELLULE**
[72] DAS, SOUMYA, US
[72] PARK, EDWIN CHONGWOO, US
[71] QUALCOMM INCORPORATED, US
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[25] EN
[54] **METHOD FOR DATA ACQUISITION**
[54] **PROCEDE D'ACQUISITION DE DONNEES**
[72] KOPECEK, HERBERT, AT
[72] KROLL, MARKUS, AT
[72] FROHLICH, MORITZ, AT
[72] WEITZER, THOMAS, AT
[72] ZOGGELER, KLAUS, AT
[71] GE JENBACHER GMBH & CO OG, AT
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[51] **Int.Cl. H04N 13/302 (2018.01) H04N 13/349 (2018.01)**
[25] EN
[54] **SUPERSAMPLED 3D DISPLAY WITH IMPROVED ANGULAR RESOLUTION**
[54] **DISPOSITIF D'AFFICHAGE 3D SUPER-ECHANTILLONNE AYANT UNE RESOLUTION ANGULAIRE AMELIOREE**
[72] FATTAL, DAVID A., US
[71] LEIA INC., US
[85] 2018-01-18
[86] 2016-07-25 (PCT/US2016/043937)
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[54] **HUMANIZED ANTI-CCR7 RECEPTOR ANTIBODIES**
[54] **ANTICORPS HUMANISES CONTRE LE RECEPTEUR CCR7**
[72] BACK, JAAP WILLEM, NL
[72] BOSHUIZEN, RONALD, NL
[72] PUIJK, WOUTER CORNELIS, NL
[72] TURKSTRA, JOHAN, NL
[71] PEPMAB B.V., NL
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[54] **PROPHYLAXIS OF HYPERTENSION AND CARDIOVASCULAR DISEASES**
[54] **PROPHYLAXIE DE L'HYPERTENSION ET DE MALADIES CARDIO-VASCULAIRES**
[72] CASTANEDA GUTIERREZ, EURIDICE, CH
[72] MACE, CATHERINE, CH
[72] TAYLOR, PAUL DAVID, GB
[71] NESTEC S.A., CH
[85] 2018-01-30
[86] 2016-08-26 (PCT/EP2016/070213)
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[25] EN
[54] **IMPROVED UREA AMMONIUM SULPHATE-BASED COMPOSITION AND METHOD FOR THE MANUFACTURE THEREOF**
[54] **COMPOSITION A BASE D'UREE-SULFATE D'AMMONIUM ET SON PROCEDE DE FABRICATION**
[72] COLPAERT, FILIP, BE
[72] LEDOUX, FRANCOIS, FR
[72] VAN BELZEN, RUUD, NL
[71] YARA INTERNATIONAL ASA, NO
[85] 2018-01-30
[86] 2016-09-07 (PCT/EP2016/071034)
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[25] EN
[54] **ENGINE AND TRANSMISSION NOTIFICATION SYSTEM USING A J1939 DATA LINK INTERFACE**
[54] **MOTEUR ET SYSTEME DE NOTIFICATION DE TRANSMISSION UTILISANT UNE INTERFACE DE LIAISON DE DONNEES J1939**
[72] NEAL, CHARLES EDWARD, III, US
[72] FUNKHOUSER, JAMES DOUGLAS, US
[72] WILLIAMS, DEREK RAY, US
[72] CLINE, GARY LEE, US
[72] IMEL, CHIP, US
[72] ABEL, DEREK JAMES, US
[72] RATTAN, WARREN NEIL, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[25] EN
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[54] **CASQUE IMMERSIF BASE SUR UN RESEAU DE DIFFRACTION MULTIFAISCEAU**
[72] FATTAL, DAVID A., US
[71] LEIA INC., US
[85] 2018-01-30
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[25] EN
[54] **THERMALLY STRENGTHENED ARCHITECTURAL GLASS AND RELATED SYSTEMS AND METHODS**
[54] **VERRE POUR BATIMENT, THERMIQUEMENT RENFORCE ET SYSTEMES ET PROCEDES ASSOCIES**
[72] LEZZI, PETER JOSEPH, US
[72] MASCHMEYER, RICHARD ORR, US
[72] THOMAS, JOHN CHRISTOPHER, US
[72] WASSON, KEVIN LEE, US
[71] CORNING INCORPORATED, US
[85] 2018-01-30
[86] 2016-07-28 (PCT/US2016/044401)
[87] (WO2017/019837)
[30] US (14/814,274) 2015-07-30
[30] US (14/814,232) 2015-07-30
[30] US (14/814,293) 2015-07-30
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[30] US (62/288,851) 2016-01-29
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[25] EN
[54] **VIRTUAL THREE DIMENSIONAL VIDEO CREATION AND MANAGEMENT SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE GESTION ET DE CREATION DE VIDEO EN TROIS DIMENSIONS VIRTUELLE**
[72] MCDEVITT, JOHN, US
[71] HSNI, LLC, US
[85] 2018-01-30
[86] 2016-07-29 (PCT/US2016/044699)
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[30] US (62/199,410) 2015-07-31

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[51] **Int.Cl. C07K 16/28 (2006.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01) C07K 16/30 (2006.01)**
[25] EN
[54] **ANTI-PSMA ANTIBODIES, BISPECIFIC ANTIGEN-BINDING MOLECULES THAT BIND PSMA AND CD3, AND USES THEREOF**
[54] **ANTICORPS ANTI-PSMA, MOLECULES LIANT L'ANTIGENE BISPECIFIQUES QUI SE LIENT A PSMA ET A CD3 ET LEURS UTILISATIONS**
[72] KIRSHNER, JESSICA R., US
[72] CRAWFORD, ALISON, US
[72] THURSTON, GAVIN, US
[72] HABER, LAURIC, US
[72] RAFIQUE, ASHIQUE, US
[72] DUDGEON, DREW, US
[72] SMITH, ERIC, US
[71] REGENERON PHARMACEUTICALS, INC., US
[85] 2018-01-30
[86] 2016-07-29 (PCT/US2016/044732)
[87] (WO2017/023761)
[30] US (62/199,823) 2015-07-31
[30] US (62/222,590) 2015-09-23
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[25] EN
[54] **FASTENER WITH TRANSITION ZONE AND METHOD OF USE**
[54] **ELEMENT DE FIXATION A ZONE DE TRANSITION ET PROCEDE D'UTILISATION**
[72] ZIMMERMAN, STEVE, US
[72] WALWORTH, VAN T., US
[72] DRUMMOND, SCOTT, US
[71] SR SYSTEMS, LLC, US
[85] 2018-01-30
[86] 2016-08-01 (PCT/US2016/044962)
[87] (WO2017/023834)
[30] US (62/199,274) 2015-07-31
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[54] **COMPOSITION D'AMORCE PIGMENTEE POUR LA FORMATION D'UN REVETEMENT DE N-ACYL UREE**
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[72] GOLDMAN, VINCENT, US
[72] GRANDHEE, SUNITHA, US
[71] BASF SE, DE
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[54] **RETROECLAIRAGE POLYCHROMATIQUE A COUPLAGE DE RESEAUX**
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[72] MA, MING, US
[71] LEIA INC., US
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[54] **METHODS AND COMPOSITIONS FOR TREATING METABOLIC REPROGRAMMING DISORDERS**
[54] **METHODES ET COMPOSITIONS POUR LE TRAITEMENT DE TROUBLES DE LA REPROGRAMMATION METABOLIQUE**
[72] SLUSHER, BARBARA, US
[72] POWELL, JONATHAN, US
[71] THE JOHNS HOPKINS UNIVERSITY, US
[85] 2018-01-30
[86] 2016-07-29 (PCT/US2016/044810)
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[54] **PRODRUGS OF GLUTAMINE ANALOGS**
[54] **PROMEDICAMENTS D'ANALOGUES DE GLUTAMINE**
[72] SLUSHER, BARBARA, US
[72] RAIS, RANA, US
[72] TENORA, LUKAS, CZ
[72] MAJER, PAVEL, US
[72] JANCARIK, ANDREJ, CZ
[72] NEDELCOVYCH, MIKE, US
[71] THE JOHNS HOPKINS UNIVERSITY, US
[71] INSTITUTE OF ORGANIC CHEMISTRY AND BIOCHEMISTRY AS CR V.V.I., CZ
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[54] **PROCEDE ET APPAREIL DE DETERMINATION D'UN ETAT D'UN SYSTEME**
[72] FRANGOS, MICHALIS, GB
[71] SCHLUMBERGER CANADA LIMITED, CA
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[54] **CATHETER-GUIDE CORONAIRE**
[72] WELCH, JEFFREY M., US
[72] SUTTON, GREGG, US
[71] GMEDIX, INC., US
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[54] **COMBINATION THERAPIES FOR TREATING CANCERS**
[54] **POLYTHERAPIES POUR LE TRAITEMENT DE CANCERS**
[72] ABELLA, ESTEBAN M., US
[72] COLLINS, HELEN, US
[72] DI PAOLO, JULIE, US
[72] QUEVA, CHRISTOPHE, BE
[72] TUMAS, DANIEL, US
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[54] **BOTANICAL IDENTIFICATION METHOD AND SYSTEM**
[54] **PROCEDE ET SYSTEME D'IDENTIFICATION BOTANIQUE**
[72] RABER, JEFFREY CHARLES, US
[72] ELZINGA, SYZTE, US
[72] KELEDJIAN, RAQUEL, US
[71] SCIENTIFIC HOLDINGS, LLC, US
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[54] **ENSEMBLE DE DEPLOIEMENT DE CHEMISE COMPORTANT UNE BARRIERE DE PROTECTION CONTRE LES DEBRIS A PLEIN TEMPS**
[72] LUKE, MIKE A., US
[72] REINHARDT, PAUL ANDREW, US
[71] WEATHERFORD TEHCNOLOGY HOLDINGS, LLC, US
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[54] **WALL STRUCTURE PENETRATION ATTACHMENT**
[54] **ACCESSOIRE POUR PERCEMENT D'UNE STRUCTURE DE PAROI**
[72] GRISOLIA, ANTHONY, US
[72] DICKSON, BRUCE, US
[71] COVESTRO LLC, US
[85] 2018-01-30
[86] 2016-08-02 (PCT/US2016/045134)
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[54] **COMPOSITIONS IMMUNOTHERAPEUTIQUES DE LEVURE BRACHYURY MODIFIEE**
[72] KING, THOMAS H., US
[72] GUO, ZHIMIN, US
[72] SCHLOM, JEFFREY, US
[72] PALENA, CLAUDIA, US
[71] GLOBEIMMUNE, INC., US
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[54] **STUCCO WALL STRUCTURE**
[54] **STRUCTURE DE PAROI EN STUC**
[72] GRISOLIA, ANTHONY, US
[72] DICKSON, BRUCE, US
[71] COVESTRO LLC, US
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[54] **UTILISATION DE VARIANTS DU PEPTIDE NATRIURETIQUE DE TYPE C POUR TRAITER LES DYSPLASIES DU SQUELETTE**
[72] BULLENS, SHERRY, US
[72] BUNTING, STUART, US
[72] CHOU, TIANWEI, US
[72] OKHAMAFE, AUGUSTUS O., US
[72] PRICE, CHRISTOPHER P., DE
[72] WENDT, DANIEL J., US
[72] YAP, CLARENCE, US
[71] BIOMARIN PHARMACEUTICAL INC., US
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[54] **SYSTEMS AND METHODS FOR IMPROVED SULFUR RECOVERY FROM CLAUS PROCESS TAIL GAS**
[54] **SYSTEMES ET PROCEDES POUR L'EXTRACTION DE SOUFRE AMELIOREE A PARTIR DE GAZ RESIDUAIRE DE PROCEDE CLAUS**
[72] CHOW, THOMAS KING, US
[72] GRAHAM, CURT, US
[71] FLUOR TECHNOLOGIES CORPORATION, US
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[54] **THERMALLY STRENGTHENED GLASS AND RELATED SYSTEMS AND METHODS**
[54] **VERRE RENFORCE THERMIQUEMENT ET SYSTEMES ET METHODES ASSOCIES**
[72] LEZZI, PETER JOSEPH, US
[72] MASCHMEYER, RICHARD ORR, US
[72] THOMAS, JOHN CHRISTOPHER, US
[72] WASSON, KEVIN LEE, US
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[54] **TRANSTHYRETIN (TTR) IRNA COMPOSITIONS AND METHODS OF USE THEREOF FOR TREATING OR PREVENTING TTR-ASSOCIATED DISEASES**
[54] **COMPOSITIONS D'ARNI DE TRANSTHYRETINE (TTR) ET PROCEDES POUR LES UTILISER POUR LE TRAITEMENT OU LA PREVENTION DE MALADIES ASSOCIEES A TTR**
[72] ZIMMERMANN, TRACY, US
[72] CHAN, AMY, US
[72] JADHAV, VASANT, US
[72] MAIER, MARTIN, US
[72] RAJEEV, KALLANTHOTTATHIL G., US
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[54] **TRAITEMENT DE SURFACE POUR SURFACE D'IMPLANT**
[72] MANDANICI, DANIEL, US
[72] SUTTIN, ZACHARY B., US
[72] LIN, KENG-MIN, US
[72] SANCHEZ, OLGA, US
[71] BIOMET 3I, LLC, US
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[72] CLERC, CLAUDE O., US
[71] BOSTON SCIENTIFIC SCIMED, INC., US
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[54] **MATERIAU INTERACTIF AVEC LES MICRO-ONDES RECONFIGURABLE AUTOMATIQUEMENT**
[72] RESURRECCION, FERMIN P., JR., US
[72] MARTINEZ, VLADIMIR C., US
[71] GRAPHIC PACKAGING INTERNATIONAL, LLC, US
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[72] RIVARD, MARK, US
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[54] **RESIDUS DE CYSTEINE D'ATTACHE UTILISANT DES DISULFURES CYCLIQUES**
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[72] SALISBURY, JOSEPH, US
[71] BRANDEIS UNIVERSITY, US
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[54] **COMPOSITIONS ET LEUR UTILISATION POUR LA LUTTE CONTRE LES ORGANISMES NUISIBLES ET POUR INDUIRE UNE HORMONE VEGETALE ET LA REGULATION DE GENES POUR LA PRODUCTION ET LA DEFENSE AMELIOREES DE PLANTES**
[72] BEEM, LANCE WILLIAM, US
[72] BUTLER, STEPHEN MICHAEL, US
[72] CLOUD, GEORGE BENJAMIN, US
[71] BEEM BIOLOGICS INC., US
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[54] **ENSEMBLE OREILLER AVEC ANNULATION DE BRUITS DE RONFLEMENT**
[72] DEFRANKS, MICHAEL S., US
[72] HUGHES, CHARLES E., US
[72] RUBIN, STUART F., US
[71] DREAMWELL, LTD., US
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[54] **SLURRY HYDROCONVERSION CATALYSTS**
[54] **CATALYSEURS D'HYDROCONVERSION EN SUSPENSION**
[72] GREELEY, JOHN PETER, US
[72] PODSIADLO, PAUL, US
[72] LEWIS, WILLIAM ERNEST, US
[72] BEARDON, ROBY, US
[72] SARKAR, AMITAVA, CA
[72] GHOSH, MAINAK, CA
[72] SUNDARARAMAN, RAMANATHAN, US
[72] DEGNAN, THOMAS F., US
[72] FRANCISCO, MANUEL A., US
[71] EXXONMOBILE RESEARCH AND ENGINEERING COMPANY, US
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[71] RYAN, ROBERT D., US
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[54] **SYSTEME DE CULTURE DE PLANTE**
[72] GALONSKA, GUY, DE
[72] GALONSKA, EREZ, DE
[71] INFARM - INDOOR URBAN FARMING GMBH, DE
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[54] **PNEUMATIQUE DE VEHICULE**
[72] BROCKMANN, JURGEN, DE
[72] SENG, MATTHIAS, DE
[72] JACKSTADT, MICHAEL, DE
[71] CONTINENTAL REIFEN DEUTSCHLAND GMBH, DE
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[54] **PNEUMATIC VEHICLE TIRE**
[54] **PNEUMATIQUE DE VEHICULE**
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[71] CONTINENTAL REIFEN DEUTSCHLAND GMBH, DE
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[54] **METHOD AND DEVICE FOR ASCERTAINING A BLOOD PRESSURE CURVE**
[54] **PROCEDE ET DISPOSITIF PERMETTANT DE DETERMINER L'ALLURE DE LA PRESSION ARTERIELLE**
[72] ORTLEPP, HANS-GEORG, DE
[71] CIS FORSCHUNGSINSTITUT FUR MIKROSENSORIK GMBH, DE
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[54] **PROCEDE DE REDUCTION DE L'IMMUNOGENICITE D'ARN**
[72] KARIKO, KATALIN, US
[72] SAHIN, UGUR, DE
[71] BIONTECH RNA PHARMACEUTICALS GMBH, DE
[85] 2018-01-31
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[54] **METHODS AND COMPOSITIONS USING BIFIDOBACTERIUM LONGUM TO TREAT OR PREVENT DEPRESSIVE SYMPTOMS**
[54] **PROCEDES ET COMPOSITIONS UTILISANT DU BIFIDUS ACTIF POUR TRAITER OU PREVENIR DES SYMPTOMES DE DEPRESSION**
[72] BERGONZELLI DEGONDA, GABRIELA, CH
[72] ALVES NUNES, TIAGO, CH
[72] MARQUARDT, VALERIE, CH
[72] SCHMITT, JEROEN ANTONIUS JOHANNES, CH
[71] NESTEC S.A., CH
[85] 2018-01-31
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[54] **PROTEINES DE FUSION GITRL ET LEURS UTILISATIONS**
[72] STEWART, ROSS ANTHONY, GB
[72] TIGUE, NATALIE JO, GB
[72] YOUNG, LESLEY LYNN, GB
[72] HIGAZI, DANIEL RAMSAY, GB
[72] BAMBER, LISA, GB
[72] SRIDHARAN, SUDHARSAN, GB
[72] LEYLAND, REBECCA, GB
[72] DURHAM, NICHOLAS MASON, US
[71] MEDIMMUNE LIMITED, GB
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[54] **METHODS AND COMPOSITIONS USING BIFIDOBACTERIUM LONGUM TO MODULATE EMOTIONAL REACTIVITY AND TREAT OR PREVENT SUB-CLINICAL MOOD DISTURBANCES**
[54] **PROCEDES ET COMPOSITIONS UTILISANT DU BIFIDOBACTERIUM LONGUM POUR MODULER UNE REACTIVITE EMOTIONNELLE ET TRAITER OU PREVENIR DES TROUBLES DE L'HUMEUR SUBCLINIQUES**
[72] BERGONZELLI DEGONDA, GABRIELA, CH
[72] ALVES NUNES, TIAGO, CH
[72] MARQUARDT, VALERIE, CH
[72] SCHMITT, JEROEN ANTONIUS JOHANNES, CH
[71] NESTEC S.A., CH
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[54] **CORPS DE BETON REVETU**
[72] HOLSCHER, NORBERT, DE
[72] VOIGT, EDELFRIED, DE
[72] HOFFMANN, FRANK, DE
[71] WOBBEN PROPERTIES GMBH, DE
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[72] BOND, STEPHEN PETER, US
[72] SHAW, STUART JOHN, GB
[72] GERRARD, DAVID PETER, US
[71] FLEXITALLIC INVESTMENTS, INC., US
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[25] EN
[54] **METHODS AND COMPOSITIONS USING BIFIDOBACTERIUM LONGUM TO OPTIMIZE BREASTFEEDING**
[54] **PROCEDES ET COMPOSITIONS UTILISANT BIFIDOBACTERIUM LONGUM POUR OPTIMISER L'ALLAITEMENT**
[72] ROCHAT, FLORENCE, CH
[72] BERGONZELLI DEGONDA, GABRIELA, CH
[72] HAUSER, JONAS, CH
[72] SCHMITT, JEROEN ANTONIUS JOHANNES, CH
[72] ALVES NUNES, TIAGO, CH
[72] MARQUARDT, VALERIE, CH
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[54] **TREATMENT OF INSECT BITE HYPERSENSITIVITY**
[54] **TRAITEMENT D'UNE HYPERSENSIBILITE AUX PIQURES D'INSECTES**
[72] FETTELSCHOSS, ANTONIA, CH
[72] BACHMANN, MARTIN, CH
[71] UNIVERSITAT ZURICH, CH
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[54] **STEVIOL GLYCOSIDE TRANSPORT**
[54] **TRANSPORT DE GLYCOSIDE DE STEVIOL**
[72] BOER, VIKTOR MARIUS, NL
[72] ZWARTJENS, PRISCILLA, NL
[72] VAN DEN BERG, ERIC, NL
[71] DSM IP ASSETS B.V., NL
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[54] **FOAMING DEVICE WITH CONTROLLED OUTLET**
[54] **DISPOSITIF DE MOUSSAGE AVEC SORTIE CONTROLEE**
[72] PERRIN, ALEXA, CH
[72] PERENTES, ALEXANDRE, CH
[72] SCORRANO, LUCIO, CH
[71] NESTEC S.A., CH
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[25] EN
[54] **A METHOD FOR IMPROVING FRACTURE TOUGHNESS OF POLYISOCYANURATE COMPRISING REACTION PRODUCTS**
[54] **PROCEDE D'AMELIORATION DE LA TENACITE A LA RUPTURE DE PRODUITS REACTIONNELS COMPRENANT DU POLYISOCYANURATE**
[72] WOUTTERS, STEVE ANDRE, BE
[71] HUNTSMAN INTERNATIONAL LLC, US
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[54] **PERFORATED SHEETS OF GRAPHENE-BASED MATERIAL**
[54] **FEUILLES PERFOREES DE MATERIAU A BASE DE GRAPHENE**
[72] SWETT, JACOB L., US
[72] BEDWORTH, PETER V., US
[72] HEISE, SCOTT E., US
[72] SINTON, STEVEN W., US
[72] SIMON, SARAH M., US
[71] LOCKHEAD MARTIN CORPORATION, US
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[54] **SOUNDBAR**
[54] **BARRE DE SON**
[72] WALTHER, ANDREAS, DE
[72] BORSS, CHRISTIAN, DE
[72] SCHNEIDER, MARTIN, DE
[72] GOETZ, PHILIPP, DE
[71] FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
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[54] **EZH2 INHIBITORS AND MODULATION OF REGULATORY T-CELL FUNCTION**
[54] **INHIBITEURS D'EZH2 ET MODULATION DE LA FONCTION DES CELLULES T REGULATRICES**
[72] GHOSH, SRIMOYEE, US
[72] LORA, JOSE M., US
[71] CONSTELLATION PHARMACEUTICALS, INC., US
[85] 2018-01-31
[86] 2016-07-28 (PCT/US2016/044409)
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[25] EN
[54] **PRODUCTION SYSTEM/PRODUCTION PROCESS FOR ACRYLIC ACID AND PRECURSORS THEREOF**
[54] **SYSTEME DE PRODUCTION/PROCEDE DE PRODUCTION D'ACIDE ACRYLIQUE ET DE PRECURSEURS ASSOCIES**
[72] SOOKRAJ, SADESH H., US
[72] FARMER, JAY J., US
[71] NOVOMER, INC., US
[85] 2018-01-31
[86] 2016-07-29 (PCT/US2016/044772)
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[25] EN
[54] **AZIMUTHALLY MODULATED SCATTERING DEVICE**
[54] **DISPOSITIF DE DIFFUSION MODULE DE FACON AZIMUTALE**
[72] PIRES, DAVID, CH
[72] IBN-ELHAJ, MOHAMMED, CH
[71] ROLIC TECHNOLOGIES AG, CH
[85] 2018-01-31
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[51] **Int.Cl. C07D 231/24 (2006.01) C07D 231/04 (2006.01)**
[25] EN
[54] **A NOVEL PROCESS FOR PREPARING CRYSTALLINE METHYL N-[2-[[[1-(4-CHLOROPHENYL)-1H-PYRAZOL-3-YL]OXY]METHYL]PHENYL]-N-METHOXYCARBAMATE**
[54] **NOUVEAU PROCEDE DE PREPARATION DE N-[2-[[[1-(4-CHLOROPHENYL)-1H-PYRAZOL-3-YL]OXY]METHYL]PHENYL]-N-METHOXYCARBAMATE DE METHYLE CRISTALLIN**
[72] KLAUBER, ERIC GEORGE, DE
[72] FRASSETTO, TIMO, DE
[72] NIEMES, REINHOLD, DE
[72] BAUER, RALF, DE
[72] SCHROEDER, JOCHEN, DE
[71] BASF SE, DE
[85] 2018-01-31
[86] 2016-08-02 (PCT/EP2016/068365)
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[25] EN
[54] **ORGANIC LIQUID HAVING HIGH NITRATE CONTENT FOR USE IN THE ORGANIC CULTIVATION OF PLANTS ON A SUBSTRATE**
[54] **LIQUIDE ORGANIQUE A HAUTE TENEUR EN NITRATE DESTINE A ETRE UTILISE DANS LA CULTURE BIOLOGIQUE DE PLANTES SUR UN SUBSTRAT**
[72] DE BRUIJN, CAROLUS WILHELMUS MARIA, NL
[72] 'T HOEN, BARTHOLOMEUS CORNELIS, NL
[71] VAN DER KNAAP DIENSTEN B.V., NL
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[54] **NOUVELLES FORMULATIONS D'ADHESIFS SENSIBLES A LA PRESSION**
[72] RUIZ ORTA, CAROLINA, ES
[72] MARIN PERALES, LAURA, ES
[72] SEGURA FERNANDEZ, SONIA, ES
[72] POLO ABAD, RAFAEL, ES
[72] BLANCO GONZALEZ, MARIA DOLORES, ES
[72] GALDAMEZ PENA, ROMAN, ES
[72] GARCIA RUIZ, MONICA, ES
[72] MARTIN MARTINEZ, JOSE MIGUEL, ES
[72] YANEZ PACIOS, ANDRES JESUS, ES
[71] REPSOL, S.A., ES
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[25] EN
[54] **PRODUCTION SYSTEM/PRODUCTION PROCESS FOR ACRYLIC ACID AND PRECURSORS THEREOF**
[54] **SYSTEME DE PRODUCTION/PROCEDE DE PRODUCTION D'ACIDE ACRYLIQUE ET DE PRECURSEURS DE CE DERNIER**
[72] SOOKRAJ, SADESH H., US
[72] FARMER, JAY J., US
[71] NOVOMER, INC., US
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[25] EN
[54] **BETA-SUBSTITUTED BETA-AMINO ACIDS AND ANALOGS AS CHEMOTHERAPEUTIC AGENTS AND USES THEREOF**
[54] **ACIDES BETA-AMINES SUBSTITUES EN BETA ET ANALOGUES A UTILISER EN TANT QU'AGENTS DE CHIMIOTHERAPIE ET LEURS UTILISATIONS**
[72] JANDELEIT, BERND, US
[72] FISCHER, WOLF-NICOLAS, US
[72] KOLLER, KERRY J., US
[72] RINGOLD, GORDON, US
[71] QUADRIGA BIOSCIENCES, INC., US
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[54] **PLANTES DE BRASSICA AVEC RESISTANCE A L'EGRENAGE**
[72] ABEL, STEFAN, DE
[72] HANNETON, LAURENT, FR
[72] GEGAS, VASILIS, GB
[72] COMADRAN, JORDI, FR
[72] MARTINANT, JEAN-PIERRE, FR
[71] LIMAGRAIN EUROPE, FR
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[54] **UNITE DE COMMANDE DE LEVIER DE COMMANDE POUR MACHINE ELECTRIQUE**
[72] BINSTOCK, MARK W., US
[72] LACOE, SCOTT J., US
[71] CLARK EQUIPMENT COMPANY, US
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[54] **SELECTING QUERIES FOR EXECUTION ON A STREAM OF REAL-TIME DATA**
[54] **SELECTION D'INTERROGATIONS POUR UNE EXECUTION SUR UN FLUX DE DONNEES EN TEMPS REEL**
[72] WHOLEY, JOSEPH SKEFFINGTON, US
[72] GADODIA, RAJESH, US
[71] AB INITIO TECHNOLOGY LLC, US
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[54] **AXIAL-SEAL BUTTERFLY VALVES**
[54] **VANNES PAPILLON A ETANCHEITE AXIALE**
[72] SOUNDARARAJAN, SRIDHARAN, IN
[71] FLOWSERVE MANAGEMENT COMPANY, US
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[54] **DATA PROCESSING GRAPH COMPILATION**
[54] **COMPILATION DE GRAPHE DE TRAITEMENT DE DONNEES**
[72] STANFILL, CRAIG W., US
[72] SHAPIRO, RICHARD, US
[71] AB INITIO TECHNOLOGY LLC, US
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[54] **MEASURING ADVERTISEMENT LIFT**
[54] **MESURE DE REHAUSSEMENT PUBLICITAIRE**
[72] LEVINSON, MICHAEL DANIEL, US
[72] BULLOCK, WILLIAM, US
[72] DAVIS, NATHAN JOHN, US
[72] KARANDE, CHINMAY DEEPAK, US
[71] FACEBOOK, INC., US
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[25] EN
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[54] **ANTICORPS ANTI-PD-L1 (« LIGAND DE MORT PROGRAMMEE 1 »)**
[72] LI, YIWEN, US
[72] LUDWIG, DALE LINCOLN, US
[72] MOLKENTHIN, VERA, US
[72] SHEN, JUQUN, US
[72] SNAVELY, MARSHALL DAVENPORT, US
[71] ELI LILLY AND COMPANY, US
[85] 2018-01-31
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[25] EN
[54] **RAPID-ACTING INSULIN COMPOSITIONS**
[54] **COMPOSITIONS D'INSULINE A ACTION RAPIDE**
[72] AKERS, MICHAEL PATRICK, US
[72] CHRISTE, MICHAEL EDWARD, US
[72] HARDY, THOMAS ANDREW, US
[72] MAJUMDAR, RANAJOY, US
[72] NGUYEN, CHI A., US
[72] PAAVOLA, CHAD D., US
[72] SARIN, VIRENDER KUMAR, US
[72] SCHULTE, NANETTE ELIZABETH, US
[71] ELI LILLY AND COMPANY, US
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[54] **INHIBITORS OF EZH2**
[54] **INHIBITEURS DE L'EZH2**
[72] DOMINGUEZ, ESTEBAN, US
[72] GUO, DEQI, US
[72] MADER, MARY MARGARET, US
[72] NGUYEN, ANH-QUAN HANNAH, US
[72] DEL PRADO, MIRIAM FILADELFA, US
[72] RICHETT, MICHAEL ENRICO, US
[72] RODRIGUEZ, MICHAEL JOHN, US
[72] YIP, YVONNE YEE MAI, US
[72] YU, KUO-LONG, US
[71] ELI LILLY AND COMPANY, US
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[54] **GLYCAN COMPOSITIONS AND USES THEREOF**
[54] **COMPOSITIONS DE GLYCANE ET LEURS UTILISATIONS**
[72] VON MALTZAHN, GEOFFREY A., US
[72] YAMANAKA, YVONNE J., US
[71] KALEIDO BIOSCIENCES, INC., US
[85] 2018-01-31
[86] 2016-08-25 (PCT/US2016/048794)
[87] (WO2017/035412)
[30] US (62/209,618) 2015-08-25
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[25] EN
[54] **AUTHENTICATION SYSTEM UTILIZED IN A SORBENT-BASED DIALYSIS SYSTEM FOR THERAPY OPTIMIZATION**
[54] **SYSTEME D'AUTHENTIFICATION UTILISE DANS UN SYSTEME DE DIALYSE A BASE DE SORBANT POUR L'OPTIMISATION D'UNE THERAPIE**
[72] GERBER, MARTIN T., US
[72] BLOOMBERG, DANIEL, US
[72] LURA, DAVID B., US
[72] MANDA, VENKATESH R., US
[71] MEDTRONIC, INC., US
[85] 2018-01-31
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[87] (WO2017/035420)
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[51] **Int.Cl. B01J 27/18 (2006.01) B01J 35/02 (2006.01) C07C 51/377 (2006.01)**
[25] EN
[54] **CATALYTIC DEHYDRATION OF HYDROXYPROPIONIC ACID AND ITS DERIVATIVES**
[54] **DESHYDRATATION CATALYTIQUE D'ACIDE HYDROXYPROPIONIQUE ET DE SES DERIVES**
[72] VELASQUEZ, JUAN ESTEBAN, US
[72] COLLIAS, DIMITRIS IOANNIS, US
[72] GODLEWSKI, JANE ELLEN, US
[72] WIREKO, FRED CHRISTIAN, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2018-01-31
[86] 2016-08-29 (PCT/US2016/049225)
[87] (WO2017/040386)
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[51] **Int.Cl. E21B 44/00 (2006.01) E21B 41/00 (2006.01) E21B 47/12 (2012.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR MONITORING THE PERFORMANCE OF OIL OR GAS DRILLING EQUIPMENT**
[54] **PROCEDE ET SYSTEME DE SURVEILLANCE DES PERFORMANCES D'UN EQUIPEMENT DE FORAGE PETROLIER OU GAZIER**
[72] THEIS, WINFRIED, NL
[72] WENTINK, JESPER WILHELMUS, NL
[72] BLANGE, JAN-JETTE, NL
[71] SHELL INTERNATIONALE RESEARCH MAARSCHAPPIJ B.V., NL
[85] 2018-01-31
[86] 2016-08-30 (PCT/US2016/049442)
[87] (WO2017/040500)
[30] EP (15183151.8) 2015-08-31

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[51] **Int.Cl. B01J 23/20 (2006.01) B01J 27/18 (2006.01) B01J 35/02 (2006.01) B01J 37/00 (2006.01) B01J 37/04 (2006.01) B01J 37/08 (2006.01) C07C 51/00 (2006.01)**
[25] EN
[54] **CATALYSTS FOR THE DEHYDRATION OF HYDROXYPROPIONIC ACID AND ITS DERIVATIVES**
[54] **CATALYSEURS DE DESHYDRATATION D'ACIDE HYDROXYPROPIONIQUE ET DE SES DERIVES**
[72] VELASQUEZ, JUAN, ESTEBAN, US
[72] COLLIAS, DIMITRIS, IOANNIS, US
[72] GODLEWSKI, JANE, ELLEN, US
[72] WIREKO, FRED CHRISTIAN, US
[71] THE PROCTER & GAMBLE COMPANY, US
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[87] (WO2017/040383)
[30] US (62/211,008) 2015-08-28

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[25] EN
[54] **CATALYTIC DEHYDRATION OF HYDROXYPROPIONIC ACID AND ITS DERIVATIVES**
[54] **DESHYDRATATION CATALYTIQUE D'ACIDE HYDROXYPROPIONIQUE ET SES DERIVES**
[72] VELASQUEZ, JUAN ESTEBAN, US
[72] COLLIAS, DIMITRIS IOANNIS, US
[72] GODLEWSKI, JANE ELLEN, US
[72] WIREKO, FRED CHRISTIAN, US
[71] THE PROCTER & GAMBLE COMPANY, US
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[86] 2016-08-29 (PCT/US2016/049223)
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[30] US (62/211,011) 2015-08-28

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[25] EN
[54] **MEASURING DEVICE FOR MEASURING THE DIELECTRIC AND/OR MAGNETIC PROPERTIES OF A SAMPLE BY MEANS OF A MICROWAVE TRANSMISSION MEASUREMENT, APPARATUS USING SUCH A MEASURING DEVICE, ANDMETHOD USING SUCH AN APPARATUS**
[54] **MOYEN DE MESURE DES PROPRIETES DIELECTRIQUES ET/OU MAGNETIQUES D'UN ECHANTILLON PAR MESURE DE TRANSMISSION DE MICROONDES, DISPOSITIF UTILISANT UN TEL MOYEN DE MESURE ET PROCEDE UTILISANT UN TEL DISPOSITIF**
[72] KLEIN, ALBERT, DE
[71] KATZ, ELISABETH, DE
[85] 2018-02-01
[86] 2016-07-28 (PCT/EP2016/067999)
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[25] EN
[54] **BODY PARAMETER MONITORING DEVICE**
[54] **DISPOSITIF DE SURVEILLANCE DE PARAMETRE PHYSIOLOGIQUE**
[72] KOELE, WERNER, AT
[72] HOLWEG, GERALD, AT
[72] KOLLEGGER, CAROLIN, AT
[72] SCHWEIGHOFER, JOHANNES, AT
[71] STEADYSENSE GMBH, AT
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[87] (WO2017/021006)
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[51] **Int.Cl. A43B 7/12 (2006.01) A43B 23/02 (2006.01)**
[25] EN
[54] **WATERPROOF AND BREATHABLE SHOE**
[54] **CHAUSSURE IMPERMEABLE ET RESPIRANTE**
[72] POLEGATO MORETTI, MARIO, IT
[72] POLONI, LIVIO, IT
[72] MATTIONI, BRUNO, IT
[71] GEOX S.P.A., IT
[85] 2018-02-01
[86] 2016-08-02 (PCT/EP2016/068455)
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[25] EN
[54] **ADHESIVE COMPOSITION COMPRISING POLYETHER CARBONATE POLYOLS**
[54] **COMPOSITION ADHESIVE COMPRENANT DES POLYOLS DE POLYETHERCARBONATE**
[72] MARIN PERALES, LAURA, ES
[72] SEGURA FERNANDEZ, SONIA, ES
[72] RUIZ ORTA, CAROLINA, ES
[72] POLO ABAD, RAFAEL, ES
[72] BLANCO GONZALEZ, MARIA DOLORES, ES
[72] GALDAMEZ PENA, JOSE ROMAN, ES
[72] GARCIA RUIZ, MONICA, ES
[71] REPSOL, S.A., ES
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[30] EP (15382412.3) 2015-08-03

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[51] **Int.Cl. B05B 17/00 (2006.01) B05B 17/06 (2006.01) B23K 26/36 (2014.01)**
[25] EN
[54] **METHOD OF MANUFACTURING A VIBRATABLE HEAD FOR AN AEROSOL GENERATOR AND VIBRATABLE HEAD FOR AN AEROSOL GENERATOR**
[54] **PROCEDE DE FABRICATION D'UNE TETE SUSCEPTIBLE DE VIBRER POUR UN GENERATEUR D'AEROSOL ET TETE SUSCEPTIBLE DE VIBRER POUR UN GENERATEUR D'AEROSOL**
[72] ANZENBERGER, HANS-LUKAS, DE
[72] BRUNE, NICOLE, DE
[72] BENKO, DURDICA, DE
[71] PARI PHARMA GMBH, DE
[85] 2018-02-01
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[25] EN
[54] **GAS-PHASE PROCESS FOR THE POLYMERIZATION OF PROPYLENE**
[54] **PROCEDE EN PHASE GAZEUSE DE POLYMERISATION DU PROPYLENE**
[72] MORINI, GIAMPIERO, IT
[72] COVEZZI, MASSIMO, IT
[72] DALL'OCCO, TIZIANO, IT
[72] LIGUORI, DARIO, IT
[72] PIEMONTESI, FABRIZIO, IT
[72] VITALE, GIANNI, IT
[71] BASELL POLIOLEFINE ITALIA S.R.L., IT
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[25] EN
[54] **METHOD FOR DETERMINING A PARAMETER OF AN OPTICAL EQUIPMENT**
[54] **PROCEDE DE DETERMINATION DE PARAMETRE D'EQUIPEMENT OPTIQUE**
[72] GUEU, STEPHANE, FR
[72] CARRIER, JEAN, FR
[71] ESSILOR INTERNATIONAL, FR
[85] 2018-02-01
[86] 2016-08-04 (PCT/EP2016/068617)
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[25] EN
[54] **MULTILAYER LAMINATE PANEL**
[54] **PANNEAU STRATIFIE MULTICOUCHE**
[72] AMARAL, PEDRO, PT
[72] PINHEIRO, JOEL, PT
[71] FRONTWAVE - ENGENHARIA E CONSULTADORIA, S. A., PT
[85] 2018-02-01
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[30] PT (108756) 2015-08-06

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[51] **Int.Cl. G03B 21/56 (2006.01)**
[25] EN
[54] **A PROJECTION SCREEN**
[54] **ECRAN DE PROJECTION**
[72] HARRISON, DAVID, GB
[71] HARKNESS SCREENS INTERNATIONAL LIMITED, IE
[85] 2018-02-01
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[87] (WO2017/021551)
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[51] **Int.Cl. E04B 1/94 (2006.01) E04B 2/88 (2006.01)**
[25] EN
[54] **FACADE ASSEMBLY, BUILDING STRUCTURE AND METHOD FOR MOUNTING THE FACADE ASSEMBLY**
[54] **ENSEMBLE FACADE, STRUCTURE DE BATIMENT ET PROCEDE DE MONTAGE DE L'ENSEMBLE FACADE**
[72] SCHULZ-HANKE, WOLFGANG, DE
[72] JULI, STEFAN, AT
[72] HUBER, JOHANN, DE
[72] HENNIG, RENE, DE
[72] SIMON, SEBASTIAN, DE
[71] HILTI AKTIENGESELLSCHAFT, LI
[85] 2018-02-01
[86] 2016-09-14 (PCT/EP2016/071639)
[87] (WO2017/046127)
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[51] **Int.Cl. B81C 1/00 (2006.01) B82Y 10/00 (2011.01) B82Y 40/00 (2011.01) G02B 1/118 (2015.01) H01L 21/3065 (2006.01) H01L 21/308 (2006.01)**
[25] EN
[54] **FABRICATION OF NANOSTRUCTURED SUBSTRATES COMPRISING A PLURALITY OF NANOSTRUCTURE GRADIENTS ON A SINGLE SUBSTRATE**
[54] **FABRICATION DE SUBSTRATS NANOSTRUCTURES COMPRENANT UNE PLURALITE DE GRADIENTS DE NANOSTRUCTURE SUR UN SUBSTRAT UNIQUE**
[72] DIAO, ZHAOLU, DE
[72] DIRKS, JAN-HENNING, DE
[72] SPATZ, JOACHIM P., DE
[71] MAX-PLANCK-GESELLSCHAFT ZUR FORDERUNG DER WISSENSCHAFTEN E.V., DE
[85] 2018-02-01
[86] 2016-08-12 (PCT/EP2016/001387)
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[30] EP (15002432.1) 2015-08-14

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[51] **Int.Cl. B65D 5/42 (2006.01) B65D 77/20 (2006.01)**
[25] EN
[54] **METHOD FOR MANUFACTURING AN OBJECT AND PACKAGING**
[54] **PROCEDE DE FABRICATION D'UN OBJET ET D'UN EMBALLAGE**
[72] ZWAGA, RONALD, NL
[72] BUIS, GERRIT ARIE, NL
[72] TASMA, ALAIN WIETSE BASTIAAN, NL
[72] DE OLDE, REMI, NL
[71] PACKABLE B.V., NL
[85] 2018-02-01
[86] 2016-07-07 (PCT/EP2016/066093)
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[51] **Int.Cl. H05H 1/50 (2006.01) A61L 2/14 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR PRODUCING A PLASMA, AND USE OF SUCH AN APPARATUS**
[54] **DISPOSITIF ET PROCEDE DE GENERATION D'UN PLASMA, AINSI QU'EMPLOI D'UN DISPOSITIF DE CE GENRE**
[72] MORFILL, GREGOR, DE
[72] LI, YANGFANG, DE
[72] SHIMIZU, TETSUJI, JP
[72] STEFFES, BERND, DE
[71] TERRAPLASMA GMBH, DE
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[86] 2016-07-25 (PCT/EP2016/067698)
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[30] DE (10 2015 215 051.8) 2015-08-06

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[51] **Int.Cl. C03B 35/20 (2006.01) C03B 23/025 (2006.01) C03B 29/08 (2006.01)**
[25] EN
[54] **MICROWAVE HEATING GLASS BENDING PROCESS AND APPARATUS**
[54] **PROCESSUS ET APPAREIL DE BOMBAGE DU VERRE PAR CHAUFFAGE A MICRO-ONDES**
[72] JIAO, YU, US
[72] SCHRIER, RUSSELL W., US
[72] YU, CHAO, US
[71] PPG INDUSTRIES OHIO, INC., US
[85] 2018-02-01
[86] 2016-06-22 (PCT/US2016/038738)
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[30] US (14/819,849) 2015-08-06

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[51] **Int.Cl. H02M 5/456 (2006.01) H02J 3/36 (2006.01) H02M 7/19 (2006.01) H02M 7/213 (2006.01) H02M 7/219 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR A GAS TUBE-BASED CURRENT SOURCE HIGH VOLTAGE DIRECT CURRENT TRANSMISSION SYSTEM**
[54] **PROCEDE ET SYSTEME POUR UN SYSTEME DE TRANSMISSION DE COURANT CONTINU A HAUTE TENSION D'UNE SOURCE DE COURANT BASEE SUR UN TUBE A GAZ**
[72] SHE, XU, US
[72] CHOKHAWALA, RAHUL SHANTILAL, US
[72] BRAY, JAMES WILLIAM, US
[72] SOMMERER, TIMOTHY JOHN, US
[72] ZHOU, RUI, US
[72] ZHANG, DI, US
[71] GENERAL ELECTRIC COMPANY, US
[85] 2018-02-01
[86] 2016-06-30 (PCT/US2016/040237)
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[51] **Int.Cl. G06Q 50/06 (2012.01) G06F 9/455 (2018.01)**
[25] EN
[54] **TIME-TO-FINISH SIMULATION FORECASTER**
[54] **DISPOSITIF DE PREVISION DE TEMPS D'ACHEVEMENT DE SIMULATION**
[72] HINKLEY, RICHARD EDWARD, US
[72] WONG, TERRY WAYNE, US
[72] FLEMING, GRAHAM CHRISTOPHER, US
[72] KUMAR, AMIT, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2018-02-01
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[51] **Int.Cl. F02D 19/02 (2006.01)**
[25] EN
[54] **LAMBDA VIRTUAL SENSOR SYSTEMS AND METHODS FOR A COMBUSTION ENGINE**
[54] **SYSTEMES ET PROCEDES DE SONDE LAMBDA VIRTUELLE POUR UN MOTEUR A COMBUSTION**
[72] PENUELA, OSCAR EDUARDO SARMIENTO, DE
[72] SATRIA, MEDY, DE
[72] HUBER, JOHANNES, DE
[72] SRINIVASAN, PRASHANT, IN
[71] GENERAL ELECTRIC COMPANY, US
[85] 2018-02-01
[86] 2016-07-05 (PCT/US2016/040929)
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[51] **Int.Cl. B32B 15/01 (2006.01) B21D 39/00 (2006.01) B23K 20/02 (2006.01) C23C 14/34 (2006.01)**
[25] EN
[54] **PROCESSES FOR LOW PRESSURE, COLD BONDING OF SOLID LITHIUM TO METAL SUBSTRATES**
[54] **PROCEDES PERMETTANT DE LIER A FROID ET A BASSE PRESSION DU LITHIUM SOLIDE A DES SUBSTRATS METALLIQUES**
[72] HINTZE, MARK J., US
[72] FICKLING, JOSEPH D., US
[71] ALBEMARLE CORPORATION, US
[85] 2018-02-01
[86] 2016-06-21 (PCT/US2016/038538)
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[30] US (62/191,821) 2015-07-13

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[51] **Int.Cl. H02J 3/36 (2006.01) H02M 7/04 (2006.01) H02M 7/44 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR A GAS TUBE SWITCH-BASED VOLTAGE SOURCE HIGH VOLTAGE DIRECT CURRENT TRANSMISSION SYSTEM**
[54] **PROCEDE ET SYSTEME POUR UN SYSTEME DE TRANSMISSION DE COURANT CONTINU A HAUTE TENSION A SOURCE DE TENSION A BASE DE COMMUTATEURS A TUBES A GAZ**
[72] SHE, XU, US
[72] CHOKHAWALA, RAHUL, US
[72] ZHOU, RUI, US
[72] ZHANG, DI, US
[72] SOMMERER, TIMOTHY JOHN, US
[72] BRAY, JAMES WILLIAM, US
[71] GENERAL ELECTRIC COMPANY, US
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[30] US (14/824,752) 2015-08-12

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[25] EN
[54] **DYNAMIC SUPPORT APPARATUS**
[54] **APPAREIL DE SUPPORT DYNAMIQUE**
[72] STREETER, ALEXANDER D., US
[72] PERRY, CHRISTOPHER N., US
[71] DEKA PRODUCTS LIMITED PARTNERSHIP, US
[85] 2018-02-01
[86] 2016-07-25 (PCT/US2016/043864)
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[25] EN
[54] **CHARGED ION CHANNEL BLOCKERS AND METHODS FOR USE**
[54] **BLOQUEURS DE CANAL D'IONS CHARGES ET PROCEDES D'UTILISATION**
[72] BEAN, BRUCE P., US
[72] WOOLF, CLIFFORD J., US
[72] LEE, JINBO, US
[72] JO, SOOYEON, US
[72] ROBERSON, DAVID, US
[72] TALBOT, SEBASTIEN, US
[71] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US
[71] CHILDREN'S MEDICAL CENTER CORPORATION, US
[85] 2018-02-01
[86] 2016-08-03 (PCT/US2016/045354)
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[30] US (62/200,205) 2015-08-03

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[25] EN
[54] **VARIABLE FREQUENCY DRIVE MOTOR CONTROL**
[54] **COMMANDE DE MOTEUR D'ENTRAINEMENT A FREQUENCE VARIABLE**
[72] RATTAN, WARREN NEIL, US
[72] NEAL, CHARLES EDWARD, III, US
[72] FUNKHOUSER, JAMES DOUGLAS, US
[72] WILLIAMS, DEREK, US
[72] CLINE, GARY LEE, US
[72] ABEL, DEREK JAMES, US
[72] BACHMAN, TROY DALE, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2018-01-31
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[25] EN
[54] **PERFORATABLE SHEETS OF GRAPHENE-BASED MATERIAL**
[54] **FEUILLES PERFORABLES DE MATERIAU A BASE DE GRAPHENE**
[72] SWETT, JACOB L., US
[72] BEDWORTH, PETER V., US
[72] HEISE, SCOTT E., US
[72] SINTON, STEVEN W., US
[72] SIMON, SARAH M., US
[71] LOCKHEED MARTIN CORPORATION, US
[85] 2018-01-31
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[30] US (62/201,539) 2015-08-05
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[54] **SURGICAL STAPLER HAVING LOCKING ARTICULATION JOINT**
[54] **AGRAFEUSE CHIRURGICALE AVEC JONCTION D'ARTICULATION VERROUILLABLE**
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[72] PATEL, ATAL C., US
[72] NELSON, ERIK, US
[71] APPLIED MEDICAL RESOURCES CORPORATION, US
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[51] **Int.Cl. B07B 13/14 (2006.01) B07B 4/06 (2006.01)**
[25] EN
[54] **ASSEMBLIES INCLUDING PLUG DEVICES, AND RELATED PLUG DEVICES AND METHODS**
[54] **ENSEMBLES COMPORTANT DES DISPOSITIFS DE TYPE BOUCHON, AINSI QUE DISPOSITIFS DE TYPE BOUCHON ET PROCEDES ASSOCIES**
[72] STEED, DANIEL J., US
[72] POULSEN, SHILOH D., US
[71] DASH LLC, US
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[25] EN
[54] **CATALYSTS FOR THE DEHYDRATION OF HYDROXYPROPIONIC ACID AND ITS DERIVATIVES**
[54] **CATALYSEURS DE DESHYDRATATION D'ACIDE HYDROXYPROPIONIQUE ET DE SES DERIVES**
[72] VELASQUEZ, JUAN ESTEBAN, US
[72] COLLIAS, DIMITRIS IOANNIS, US
[72] GODLEWSKI, JANE ELLEN, US
[72] WIREKO, FRED CHRISTIAN, US
[71] THE PROCTER & GAMBLE COMPANY, US
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[25] EN
[54] **ENHANCED LIQUID DETECTION MECHANISMS FOR CIRCUIT CARDS**
[54] **MECANISMES PERFECTIONNES DE DETECTION DE LIQUIDE POUR DES CARTES DE CIRCUIT IMPRIME**
[72] MIKULAK, STEVEN, US
[72] CARSWELL, SAMUEL ALLEN, US
[72] WINSTON, JOSEPH RHOADS, US
[71] SYSTEMS AND SOFTWARE ENTERPRISES, LLC, US
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[25] EN
[54] **APPARATUS AND METHODS FOR CONNECTING COMPONENTS OF A SUPPORT SURFACE**
[54] **APPAREIL ET PROCEDES DE RACCORDEMENT D'ELEMENTS D'UNE SURFACE DE SUPPORT**
[72] MCDOWELL, JAMES KERWIN, US
[72] TILLEY, DAVID JON, US
[72] GONSOULIN, RYAN MICHAEL, US
[71] NEWPARK MATS & INTEGRATED SERVICES LLC, US
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[54] **METHODS OF FORMING AND METHODS OF REPAIRING EARTH-BORING TOOLS**
[54] **PROCEDES DE FORMATION ET PROCEDES DE REPARATION D'OUTILS DE FORAGE**
[72] OXFORD, JAMES ANDY, US
[72] FOLKS, GREGORY D., US
[72] WAGENHEIM, CHRISTOPH, DE
[71] BAKER HUGHES, A GE COMPANY, LLC, US
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[25] EN
[54] **ARTIFICIAL NON-RIBOSOMAL PEPTIDE SYNTHETASES**
[54] **SYNTHETASES PEPTIDIQUES NON RIBOSOMIQUES ARTIFICIELLES**
[72] NIESERT, CLAUS-PETER, DE
[72] BODE, HELGE B., DE
[72] BOZHUEYUEK, KENAN, DE
[72] FLEISCHHACKER, FLORIAN, DE
[71] MERCK PATENT GMBH, DE
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[25] EN
[54] **COMPOSITIONS COMPRISING DERMATAN SULFATE AND CHONDROITIN SULFATE AND USE THEREOF IN COSMETOLOGICAL COMPOSITIONS**
[54] **COMPOSITIONS COMPRENANT DU SULFATE DE DERMATANE ET DU SULFATE DE CHONDROITINE ET LEUR UTILISATION DANS DES COMPOSITIONS COSMETIQUES**
[72] BENSI, DONATA, IT
[72] CAGLIO, GIOVANNI, IT
[71] LABORATORI DERIVATI ORGANICI S.P.A., IT
[85] 2018-02-02
[86] 2016-03-16 (PCT/EP2016/055652)
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[25] EN
[54] **ROOT-PREFERENTIAL AND STRESS INDUCIBLE PROMOTER AND USES THEREOF**
[54] **UTILISATION DU PROMOTEUR DE L'ANNEXINE POUR AMELIORER LE RENDEMENT DE PLANTES SOUMISES A DES CONDITIONS DE STRESS**
[72] SAIDI, YOUNOUSSE, BE
[72] DEN BOER, BART, BE
[72] MOUCHEL, CELINE, BE
[72] PIEN, STEPHANE, DE
[71] BAYER CROPSCIENCE NV, BE
[85] 2018-02-02
[86] 2016-07-19 (PCT/EP2016/067152)
[87] (WO2017/025282)
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[25] EN
[54] **FLYWHEEL DEVICE FOR POSITION STABILIZATION OF A SPACECRAFT**
[54] **DISPOSITIF A ROUE D'INERTIE POUR LA STABILISATION D'UN ENGIN SPATIAL**
[72] EHINGER, MARKUS, DE
[71] ROCKWELL COLLINS DEUTSCHLAND GMBH, DE
[85] 2018-02-02
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[25] EN
[54] **A REACTOR-CONDENSER FOR THE SYNTHESIS OF UREA**
[54] **REACTEUR-CONDENSEUR POUR LA SYNTHESE DE L'UREE**
[72] RUGNONE, LUCA, IT
[71] CASALE SA, CH
[85] 2018-02-02
[86] 2016-07-20 (PCT/EP2016/067301)
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[25] EN
[54] **NAVIGATION DEVICE HAVING A TURNTABLE FOR A REVERSAL MEASUREMENT AND METHOD FOR OPERATING THE NAVIGATION DEVICE**
[54] **DISPOSITIF DE NAVIGATION COMPORTANT UNE TABLE TOURNANTE SERVANT A UNE MESURE DE MARCHE ARRIERE ET METHODE DE FONCTIONNEMENT DU DISPOSITIF DE NAVIGATION**
[72] HERBERTH, UWE, DE
[72] PROBST, UWE, DE
[72] DECK, MATTHIAS, DE
[71] NORTHROP GRUMMAN LITEF GMBH, DE
[85] 2018-02-02
[86] 2016-07-20 (PCT/EP2016/067320)
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[25] EN
[54] **A DEVICE FOR APPLYING AN OPHTHALMIC FLUID**
[54] **DISPOSITIF D'APPLICATION D'UN FLUIDE OPHTALMIQUE**
[72] NIELSEN, SOREN ANKER, DK
[72] SOLGARD, KURT, DK
[71] EYE-GO A/S, DK
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[25] EN
[54] **HANDLE DEVICE FOR A SURGICAL LIGHT WITH VOICE CONTROL, AND SURGICAL LIGHT**
[54] **DISPOSITIF DE POIGNEE POUR SCIALYTIQUE A COMMANDE VOCALE ET SCIALYTIQUE**
[72] STROLIN, JOACHIM, DE
[71] KARL LEIBINGER MEDIZINTECHNIK GMBH & CO. KG, DE
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[51] **Int.Cl. F16B 25/00 (2006.01)**
[25] EN
[54] **METHOD FOR SETTING A SCREW**
[54] **PROCEDE DE MISE EN PLACE D'UNE VIS**
[72] HARTZ, MARTIN, AT
[72] GOOS, NIELS, DE
[72] VELTEN, SIMON, AT
[71] HILTI AKTIENGESELLSCHAFT, LI
[85] 2018-02-02
[86] 2016-07-26 (PCT/EP2016/067769)
[87] (WO2017/025318)
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[25] EN
[54] **PREPARATION ABLE TO PRODUCE BIOPESTICIDE AND/OR REPELLENT FOR CONTROLLING PLANT PATHOGENS**
[54] **PREPARATION APTE A PRODUIRE UN BIOPESTICIDE ET/OU UN REPULSIF DE LUTTE CONTRE DES PATHOGENES DE VEGETAUX**
[72] PRINTZ, BRUNO, FR
[71] LUXEMBOURG INSTITUTE OF SCIENCE AND TECHNOLOGY (LIST), LU
[85] 2018-02-02
[86] 2016-08-03 (PCT/EP2016/068511)
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[51] **Int.Cl. A01N 25/00 (2006.01) A01N 25/34 (2006.01) C12N 11/14 (2006.01)**
[25] EN
[54] **PEST PROTECTIVE APPARATUS FOR CONTROLLING PLANT PATHOGENS**
[54] **APPAREIL DE LUTTE CONTRE LES NUISIBLES POUR ELIMINER LES AGENTS PATHOGENES S'ATTAQUANT AUX VEGETAUX**
[72] PRINTZ, BRUNO, FR
[71] LUXEMBOURG INSTITUTE OF SCIENCE AND TECHNOLOGY (LIST), LU
[85] 2018-02-02
[86] 2016-08-03 (PCT/EP2016/068512)
[87] (WO2017/025402)
[30] LU (LU92794) 2015-08-07

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[51] **Int.Cl. C07C 235/06 (2006.01) A61K 31/16 (2006.01) A61P 25/32 (2006.01)**
[25] EN
[54] **SELECTED AMIDE OF Y - HYDROXYBUTYRIC ACID AND USES THEREOF IN THE TREATMENT OF ALCOHOL MISUSE**
[54] **AMIDE SELECTIONNE D'ACIDE G-HYDROXYBUTYRIQUE ET SES UTILISATIONS DANS LE TRAITEMENT D'ABUS DE L'ALCOOL**
[72] CACCIAGLIA, ROBERTO, IT
[72] LOCHE, ANTONELLA, IT
[71] LABORATORIO FARMACEUTICO C.T. S.R.L., IT
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[86] 2016-08-03 (PCT/EP2016/068517)
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[30] IT (102015000041820) 2015-08-04

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[51] **Int.Cl. G01N 27/327 (2006.01) C12Q 1/68 (2018.01) G01N 33/487 (2006.01)**
[25] EN
[54] **USE OF TITANIUM NITRIDE AS AN ELECTRODE IN NON-FARADAIC ELECTROCHEMICAL CELL**
[54] **UTILISATION DE NITRURE DE TITANE EN TANT QU'ELECTRODE DANS UNE CELLULE ELECTROCHIMIQUE NON FARADIQUE**
[72] FOSTER, JOHN, US
[72] KOMADINA, JASON, US
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2018-02-02
[86] 2016-08-03 (PCT/EP2016/068525)
[87] (WO2017/021442)
[30] US (14/818,977) 2015-08-05

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[51] **Int.Cl. C12Q 1/68 (2018.01)**
[25] EN
[54] **TARGET ENRICHMENT BY SINGLE PROBE PRIMER EXTENSION**
[54] **ENRICHISSEMENT D'UNE CIBLE PAR EXTENSION D'UNE UNIQUE AMORCE DE SONDE**
[72] GODWIN, BRIAN, US
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2018-02-02
[86] 2016-08-03 (PCT/EP2016/068546)
[87] (WO2017/021449)
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[51] **Int.Cl. B29C 44/46 (2006.01) B05C 5/02 (2006.01)**
[25] EN
[54] **CASTING DEVICE FOR APPLYING A FOAMING REACTION MIXTURE**
[54] **DISPOSITIF DE COULAGE POUR APPLIQUER UN MELANGE REACTIONNEL MOUSSANT**
[72] BRUNING, DIRK, DE
[72] SYMANNEK, ACHIM, DE
[72] FRANKEN, KLAUS, DE
[72] SCHLEIERMACHER, STEPHAN, DE
[72] HERWEG, THOMAS, DE
[71] COVESTRO DEUTSCHLAND AG, DE
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[86] 2016-08-03 (PCT/EP2016/068574)
[87] (WO2017/021463)
[30] EP (15179653.9) 2015-08-04

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[25] EN
[54] **NEW USES OF 2-(2,4-DICHLOROPHENYL)METHYL-4,4-DIMETHYL-3-ISOXAZOLIDONE AS FOLIAR HERBICIDE**
[54] **NOUVELLES UTILISATIONS DE 2-(2,4-DICHLOROPHENYL)METHYL-4,4-DIMETHYL-3-ISOXAZOLIDONE COMME HERBICIDE FOLIAIRE**
[72] TOSSENS, HERVE, BE
[72] PEREZ CATALAN, JULIO, DE
[72] AULER, THOMAS, DE
[72] MENNE, HUBERT, DE
[71] BAYER CROPSCIENCE AKTIENGESELLSCHAFT, DE
[85] 2018-02-02
[86] 2016-08-04 (PCT/EP2016/068598)
[87] (WO2017/025418)
[30] EP (15180105.7) 2015-08-07

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[51] **Int.Cl. C07D 401/14 (2006.01) A01N 43/52 (2006.01) A01N 43/653 (2006.01) A61K 31/4439 (2006.01) C07D 235/18 (2006.01) C07D 401/04 (2006.01) C07D 403/10 (2006.01) C07D 409/10 (2006.01) C07D 409/14 (2006.01) C07D 471/04 (2006.01) C07D 487/04 (2006.01) C07D 498/04 (2006.01)**
[25] EN
[54] **2-(HET)ARYL-SUBSTITUTED CONDENSED HETEROCYCLIC DERIVATIVES AS PEST CONTROL AGENTS**
[54] **DERIVES D'HETEROCYCLES CONDENSES A SUBSTITUTION 2-(HET)ARYLE UTILISES COMME AGENTS DE LUTTE CONTRE LES NUISIBLES**
[72] FISCHER, RUDIGER, DE
[72] WILCKE, DAVID, DE
[72] KAUSCH-BUSIES, NINA, DE
[72] HAGER, DOMINIK, DE
[72] ILG, KERSTIN, DE
[72] HOFFMEISTER, LAURA, DE
[72] WILLOT, MATTHIEU, DE
[72] PORTZ, DANIELA, DE
[72] GORGENS, ULRICH, DE
[72] TURBERG, ANDREAS, DE
[71] BAYER CROPSCIENCE AKTIENGESELLSCHAFT, DE
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[51] **Int.Cl. C12Q 1/68 (2018.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR DETECTION OF MYCOBACTERIUM TUBERCULOSIS**
[54] **COMPOSITIONS ET METHODES DE DETECTION DE MYCOBACTERIUM TUBERCULOSIS**
[72] JOHNSON, JENNY A., US
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2018-02-02
[86] 2016-08-04 (PCT/EP2016/068608)
[87] (WO2017/021478)
[30] US (14/819,427) 2015-08-06

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[13] A1
[51] **Int.Cl. A23G 3/22 (2006.01) A23G 3/24 (2006.01) A23G 3/34 (2006.01) A23G 9/24 (2006.01)**
[25] EN
[54] **PARTIAL COATING OF FROZEN CONFECTION**
[54] **ENROBAGE PARTIEL DE CONFISERIE CONGELEE**
[72] AMEND, THOMAS ALOISIUS VALENTINUS, US
[71] NESTEC S.A., CH
[85] 2018-02-02
[86] 2016-08-04 (PCT/EP2016/068631)
[87] (WO2017/025422)
[30] US (62/202,269) 2015-08-07

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[51] **Int.Cl. C07K 16/28 (2006.01) C12N 5/10 (2006.01)**
[25] EN
[54] **METHOD FOR INCREASING THE GALACTOSE CONTENT OF RECOMBINANT PROTEINS**
[54] **PROCEDE POUR AUGMENTER LA TENEUR EN GALACTOSE DE PROTEINES RECOMBINANTES**
[72] PUTICS, AKOS, HU
[72] ZALAI, DENES, HU
[72] NAGY, GASPAR, HU
[72] PARTA, LASZLO, HU
[72] SCHLEICHER, ARON, HU
[71] RICHTER GEDEON NYRT., HU
[85] 2018-02-02
[86] 2016-08-04 (PCT/EP2016/068651)
[87] (WO2017/021493)
[30] HU (P1500363) 2015-08-04

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[51] **Int.Cl. F16C 32/04 (2006.01) H02K 7/09 (2006.01)**
[25] EN
[54] **ACTIVE MAGNETIC BEARING**
[54] **PALIER MAGNETIQUE ACTIF**
[72] HENSELER, ANDREAS, DE
[72] DENG, HONGYU, DE
[71] REINHEART GMBH, DE
[85] 2018-02-02
[86] 2016-08-21 (PCT/EP2016/069756)
[87] (WO2017/032725)
[30] EP (15182300.2) 2015-08-25

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[13] A1
[51] **Int.Cl. A61K 9/10 (2006.01) A61K 9/107 (2006.01) A61K 9/14 (2006.01) A61K 9/51 (2006.01) A61K 31/12 (2006.01) A61K 36/9066 (2006.01) A61K 47/24 (2006.01)**
[25] EN
[54] **NANOSUSPENSION CONTAINING PARTICLES AND EXTRACT OF NATURAL MATERIALS**
[54] **NANOSUSPENSION CONTENANT DES PARTICULES ET UN EXTRAIT DE MATERIAUX NATURELS**
[72] BRAND, WERNER, DE
[71] APURANO LIFE SCIENCES GMBH, DE
[85] 2018-02-02
[86] 2016-08-04 (PCT/EP2016/068644)
[87] (WO2017/021491)
[30] EP (15179748.7) 2015-08-04

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[51] **Int.Cl. C07K 14/47 (2006.01) C07K 16/28 (2006.01)**
[25] EN
[54] **NOVEL FUSION POLYPEPTIDE SPECIFIC FOR LAG-3 AND PD-1**
[54] **NOUVEAU POLYPEPTIDE DE FUSION SPECIFIQUE DE LAG-3 ET PD-1**
[72] ROTHE, CHRISTINE, DE
[72] BEL AIBA, RACHIDA SIHAM, DE
[72] OLWILL, SHANE, DE
[72] BERGER, SVEN, DE
[71] PIERIS PHARMACEUTICALS GMBH, DE
[85] 2018-02-02
[86] 2016-08-08 (PCT/EP2016/068860)
[87] (WO2017/025498)
[30] EP (15180116.4) 2015-08-07
[30] EP (16150707.4) 2016-01-11

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[13] A1
[51] **Int.Cl. C22B 3/26 (2006.01) C22B 34/24 (2006.01)**
[25] FR
[54] **PROCESSES FOR EXTRACTING AND RECOVERING TANTALUM PRESENT IN AN ACID AQUEOUS PHASE BY MEANS OF AN IONIC LIQUID, AND USE OF SUCH AN IONIC LIQUID FOR EXTRACTING THE TANTALUM FROM AN ACID AQUEOUS PHASE**
[54] **PROCEDES D'EXTRACTION ET DE RECUPERATION DU TANTALE PRESENT DANS UNE PHASE AQUEUSE ACIDE AU MOYEN D'UN LIQUIDE IONIQUE, ET UTILISATION D'UN TEL LIQUIDE IONIQUE POUR EXTRAIRE LE TANTALE D'UNE PHASE AQUEUSE ACIDE**
[72] TURGIS, RAPHAEL, FR
[72] ARRACHART, GUILHEM, FR
[72] PELLET-ROSTAING, STEPHANE, FR
[72] DRAYE, MICHELINE, FR
[72] LEGEAI, SOPHIE, FR
[72] VIRIEUX, DAVID, FR
[72] THOMAS, CHRISTIAN, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[71] UNIVERSITE DE MONTPELLIER, FR
[71] UNIVERSITE DE CHAMBERY, FR
[71] ECOLE NATIONALE SUPERIEURE DE CHIMIE DE MONTPELLIER, FR
[71] TND, FR
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[54] **COMBINATION COMPOSITION COMPRISING FGF-18 COMPOUND**
[54] **COMPOSITION DE COMBINAISON COMPRENANT UN COMPOSE DE FGF-18**
[72] LADEL, CHRISTOPH H., DE
[72] GUEHRING, HANS, DE
[72] GIGOUT, ANNE, DE
[72] BRENNEIS, CHRISTIAN, DE
[71] MERCK PATENT GMBH, DE
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[25] FR
[54] **HIGH-TEMPERATURE, LOW-TEMPERATURE-GRADIENT METHODS FOR (CO-)ELECTROLYSIS OF WATER (SOEC) OR FOR PRODUCING ELECTRICITY WITHIN A REACTOR OR FUEL-CELL STACK (SOFC) RESPECTIVELY**
[54] **PROCEDES D' (DE CO-) ELECTROLYSE DE L'EAU (SOEC) OU DE PRODUCTION D'ELECTRICITE A HAUTE TEMPERATURE A FAIBLES GRADIENTS THERMIQUES AU SEIN RESPECTIVEMENT D'UN REACTEUR OU D'UNE PILE A COMBUSTIBLE (SOFC)**
[72] REYTIER, MAGALI, FR
[72] BARDI, NICOLAS, FR
[71] COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES, FR
[85] 2018-02-02
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[54] **CLAMP DEVICE**
[54] **DISPOSITIF DE SERRAGE**
[72] LARSSON, BENGT L., SE
[72] LARSSON, GERMUND, SE
[72] MARTENSSON, MATTIAS, SE
[72] WEMMERT, MARLENE, SE
[71] WAYNE FUELING SYSTEMS SWEDEN AB, SE
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[86] 2016-08-23 (PCT/EP2016/069869)
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[54] **CORNER CONNECTOR FOR INSULATING GLAZING UNITS**
[54] **CORNIERE DE RACCORDEMENT POUR VITRAGES ISOLANTS**
[72] FRANK, KATRIN, DE
[72] NOSITSCHKA, ANDREAS, DE
[72] VON AVENARIUS, WOLFGANG, DE
[72] STAHL-BIDINGER, MARKUS, DE
[71] SAINT-GOBAIN GLASS FRANCE, FR
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[25] EN
[54] **NANOPARTICLE MODIFICATION AND PERFORATION OF GRAPHENE**
[54] **MODIFICATION PAR NANOPARTICULES ET PERFORATION DE GRAPHENE**
[72] BEDWORTH, PETER V., US
[72] SWETT, JACOB L., US
[71] LOCKHEED MARTIN CORPORATION, US
[85] 2018-02-02
[86] 2016-04-14 (PCT/US2016/027610)
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[30] US (62/202,122) 2015-08-06
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[25] EN
[54] **DETERMINING THE OPTIMUM COVERAGE POSITION IN A BUILDING FOR EXTERNALLY PROVIDED RF SIGNALS**
[54] **DETERMINATION DE L'EMPLACEMENT AYANT LA COUVERTURE OPTIMALE DANS UN BATIMENT POUR RECEVOIR DES SIGNAUX RF PROVENANT DE L'EXTERIEUR**
[72] LOTTER, MICHIEL PETRUS, US
[71] NEXTIVITY, INC., US
[85] 2018-02-02
[86] 2016-08-03 (PCT/US2016/045430)
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[25] EN
[54] **COMPOSITIONS AND METHODS FOR ODOR CONTROL**
[54] **COMPOSITIONS ET PROCEDES D'ELIMINATION DES ODEURS**
[72] HOOK, BRUCE D., US
[72] SURBER, KIMBERLY A., US
[72] JACOB, KARL V., US
[72] FAN, YI, US
[72] IZMITLI, ASLIN, US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[71] ROHM AND HAAS COMPANY, US
[85] 2018-02-02
[86] 2016-08-04 (PCT/US2016/045585)
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[25] EN
[54] **INDUCTIVE FLOW METER INCLUDING EXTENDED MAGNETIC POLE PIECES**
[54] **DEBITMETRE INDUCTIF COMPRENANT DES PIECES DE POLE MAGNETIQUE ETENDUES**
[72] PROFETA, JOSEPH ANTHONY, JR., US
[72] STERN, TRAMPAS, US
[71] SENSUS SPECTRUM LLC, US
[85] 2018-02-02
[86] 2016-07-14 (PCT/US2016/042250)
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[30] US (14/829,749) 2015-08-19

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[25] EN
[54] **SYSTEM AND METHOD FOR MANUFACTURING CEMENTITIOUS BOARDS WITH ON-LINE VOID DETECTION**
[54] **SYSTEME ET PROCEDE DE FABRICATION DE PANNEAUX CIMENTAIRES A DETECTION DE VIDE EN CONTINU**
[72] LASH, JASON, US
[72] DELLANGELO, SCOTT M., US
[72] EVERSOLE, LESLIE, US
[71] UNITED STATES GYPSUM COMPANY, US
[85] 2018-02-02
[86] 2016-08-03 (PCT/US2016/045244)
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[30] US (62/203,130) 2015-08-10
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[25] EN
[54] **SYSTEM AND METHOD FOR SYNCHRONOUS PROCESSING OF ANALOG AND DIGITAL PATHWAYS IN A DIGITAL RADIO RECEIVER**
[54] **SYSTEME ET PROCEDE DE TRAITEMENT SYNCHRONE DE VOIES ANALOGIQUES ET NUMERIQUES DANS UN RADIORECEPTEUR NUMERIQUE**
[72] NEKHAMKIN, MICHAEL, US
[72] CHEN, HANGJUN, US
[72] LI, LINLIN, US
[71] IBIQUITY DIGITAL CORPORATION, US
[85] 2018-02-02
[86] 2016-07-25 (PCT/US2016/043888)
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[25] EN
[54] **SYSTEM AND METHOD FOR ENGINE CONTROL**
[54] **SYSTEME ET PROCEDE DE COMMANDE DE MOTEUR**
[72] TULAPURKAR, CHETAN S., US
[72] SRINIVASAN, PRASHANT, US
[72] THALHAUSER, JOSEF, US
[72] SCHAEFFERT, PETER, US
[72] LANG, JURGEN, US
[71] GENERAL ELECTRIC COMPANY, US
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[25] EN
[54] **METHODS OF FABRICATING AN ELECTRODE ARRAY FOR TRANSCUTANEOUS ELECTRICAL STIMULATION OF THE SPINAL CORD**
[54] **PROCEDES DE FABRICATION DE RESEAU D'ELECTRODES POUR LA STIMULATION ELECTRIQUE TRANSCUTANEE DE MOELLE EPINIERE**
[72] CHANG, CHIH-WEI, US
[72] LIU, WENTAI, US
[72] LO, YI-KAI, US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 2018-02-02
[86] 2016-08-05 (PCT/US2016/045901)
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[25] EN
[54] **BRACHYURY DELETION MUTANTS, NON-YEAST VECTORS ENCODING BRACHYURY DELETION MUTANTS, AND THEIR USE**
[54] **MUTANTS DE DELETION DE LA PROTEINE BRACHYURY, VECTEURS SANS LEVURE CODANT POUR LES MUTANTS DE DELETION DE LA PROTEINE BRACHYURY, ET LEUR UTILISATION**
[72] SCHLOM, JEFFREY, US
[72] PALENA, CLAUDIA M., US
[71] THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES, US
[85] 2018-02-02
[86] 2016-08-03 (PCT/US2016/045289)
[87] (WO2017/024000)
[30] US (62/200,438) 2015-08-03

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[13] A1
[51] **Int.Cl. G06F 9/50 (2006.01)**
[25] EN
[54] **VIRTUALIZING GRAPHICS PROCESSING IN A PROVIDER NETWORK**
[54] **VIRTUALISATION DE TRAITEMENT GRAPHIQUE DANS UN RESEAU DE FOURNISSEUR**
[72] WILT, NICHOLAS PATRICK, US
[72] TAMBE, ASHUTOSH, US
[72] BURNS, NATHAN LEE, US
[72] BSHARA, NAFEA, US
[71] AMAZON TECHNOLOGIES, INC., US
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[86] 2016-08-10 (PCT/US2016/046339)
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[25] EN
[54] **CYCLIC COMPOUNDS USEFUL AS MODULATORS OF TNF ALPHA**
[54] **COMPOSES CYCLIQUES UTILES EN TANT QUE MODULATEURS DU TNF ALPHA**
[72] XIAO, HAI-YUN, US
[72] DHAR, MURALI T.G., US
[72] JIANG, BIN, US
[72] DUAN, JINGWU, US
[71] BRISTOL-MYERS SQUIBB COMPANY, US
[85] 2018-02-02
[86] 2016-08-02 (PCT/US2016/045104)
[87] (WO2017/023902)
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[25] EN
[54] **LIQUID POLYMER DELIVERY SYSTEM FOR EXTENDED ADMINISTRATION OF DRUGS**
[54] **SYSTEME DE DISTRIBUTION DE POLYMERE LIQUIDE POUR L'ADMINISTRATION PROLONGEE DE MEDICAMENTS**
[72] DOWNING, JOHN MILTON, US
[72] SAXENA, VIPIN, US
[72] MIDDLETON, JOHN, US
[71] TOLMAR INTERNATIONAL LIMITED, IE
[85] 2018-02-02
[86] 2016-08-03 (PCT/US2016/045334)
[87] (WO2017/024027)
[30] US (62/200,198) 2015-08-03
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[13] A1
[51] **Int.Cl. F16K 1/22 (2006.01) F16K 1/54 (2006.01)**
[25] EN
[54] **DISK VALVES TO PROVIDE AN EQUAL PERCENTAGE FLUID FLOW CHARACTERISTIC**
[54] **SOUPAPES A DISQUE PERMETTANT DE FOURNIR UNE CARACTERISTIQUE D'ECOULEMENT FLUIDIQUE A POURCENTAGE EGAL**
[72] MORRISON, KEVIN LESLIE, US
[72] LEGER, BRYAN Q., US
[71] FISHER CONTROLS INTERNATIONAL LLC, US
[85] 2018-02-02
[86] 2016-08-12 (PCT/US2016/046657)
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[51] **Int.Cl. H04W 12/08 (2009.01) H04W 72/04 (2009.01) H04W 88/08 (2009.01)**
[25] EN
[54] **HARDWARE-TRUSTED ORTHOGONAL FREQUENCY DIVISION MULTIPLEX (OFDM) ACCESS TO A SHARED COMMON PUBLIC RADIO INTERFACE (CPRI)**
[54] **ACCES PAR MULTIPLEXAGE PAR REPARTITION ORTHOGONALE DE LA FREQUENCE (OFDM) DE MATERIEL DE CONFIANCE A UNE INTERFACE RADIO PUBLIQUE COMMUNE PARTAGEE (CPRI)**
[72] RAJAGOPAL, ARUN, US
[72] PACZKOWSKI, LYLE WALTER, US
[72] BARTLETT, ROGER DANFORTH, US
[71] SPRINT COMMUNICATIONS COMPANY L.P., US
[85] 2018-02-02
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[51] **Int.Cl. G06N 3/04 (2006.01) G06K 9/46 (2006.01) G06T 7/00 (2017.01)**
[25] EN
[54] **THREE-DIMENSIONAL (3D) CONVOLUTION WITH 3D BATCH NORMALIZATION**
[54] **CONVOLUTION TRIDIMENSIONNELLE (3D) A NORMALISATION DE LOT 3D**
[72] SOCHER, RICHARD, US
[72] XIONG, CAIMING, US
[72] TAI, KAI SHENG, US
[71] SALESFORCE.COM, INC., US
[85] 2018-02-02
[86] 2016-08-15 (PCT/US2016/047104)
[87] (WO2017/031088)
[30] US (62/205,718) 2015-08-15

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[51] **Int.Cl. C07K 14/415 (2006.01) C12N 15/82 (2006.01)**
[25] EN
[54] **WHEAT STEM RUST RESISTANCE GENES AND METHODS OF USE**
[54] **GENES DE RESISTANCE A LA ROUILLE DE LA TIGE DU BLE ET PROCEDES D'UTILISATION**
[72] LAGUDAH, EVANS, AU
[72] PERIYANNAN, SAMBASIVAM, AU
[72] STEUERNAGEL, BURKHARD, GB
[72] WITEK, KAMIL, GB
[72] WULFF, BRANDE, GB
[71] TWO BLADES FOUNDATION, US
[71] COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION, AU
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[87] (WO2017/024053)
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[25] EN
[54] **HETEROCYCLIC COMPOUNDS USEFUL AS MODULATORS OF TNF ALPHA**
[54] **COMPOSES HETEROCYCLIQUES UTILES EN TANT QUE MODULATEURS DU TNF ALPHA**
[72] XIAO, HAI-YUN, US
[72] DHAR, T. G. MURALI, US
[72] LI, NING, US
[72] DUAN, JINGWU, US
[72] JIANG, BIN, US
[72] LU, ZHONGHUI, US
[72] NGU, KHEHYONG, US
[72] PITTS, WILLIAM J., US
[72] TINO, JOSEPH, US
[71] BRISTOL-MYERS SQUIBB COMPANY, US
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[86] 2016-08-02 (PCT/US2016/045110)
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[30] US (62/200,424) 2015-08-03

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[25] EN
[54] **PROCESS FOR THE CONTROLLED INTRODUCTION OF OIL INTO FOOD PRODUCTS**
[54] **PROCEDE POUR L'INTRODUCTION CONTROLEE D'HUILE DANS DES PRODUITS ALIMENTAIRES**
[72] ASHOURIAN, JAMSHID, US
[72] PHELPS, STEVEN, US
[71] JIMMYASH LLC, US
[85] 2018-02-02
[86] 2016-08-03 (PCT/US2016/045415)
[87] (WO2017/024069)
[30] US (14/816,784) 2015-08-03

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[51] **Int.Cl. C07F 9/16 (2006.01) A61K 31/664 (2006.01) A61P 31/18 (2006.01)**
[25] EN
[54] **ANTIVIRAL BETA-AMINO ACID ESTER PHOSPHODIAMIDE COMPOUNDS**
[54] **COMPOSES PHOSPHODIAMIDE ANTIVIRAUX D'ESTER D'ACIDE BETA-AMINE**
[72] VACHAL, PETR, US
[72] RAHEEM, IZZAT, US
[72] GUO, ZHIQIANG, US
[72] HARTINGH, TIMOTHY JOHN, US
[71] MERCK SHARP & DOHME CORP., US
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[86] 2016-08-08 (PCT/US2016/045946)
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[30] US (62/203,265) 2015-08-10

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[51] **Int.Cl. G16H 20/10 (2018.01)**
[25] EN
[54] **AUTOMATIC PRESCRIPTION MEDICATION SCHEDULING**
[54] **PLANIFICATION AUTOMATIQUE DE MEDICAMENT SUR ORDONNANCE**
[72] NICHOLS, LINDA, US
[72] ACHARYA, REENA, US
[72] LIZOTTE, MARGARET W., US
[72] ST. JEAN, DONNA L., US
[72] LOVERING, KIMBERLY A., US
[71] CVS PHARMACY, INC., US
[85] 2018-02-02
[86] 2016-08-02 (PCT/US2016/045142)
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[51] **Int.Cl. G06F 19/00 (2018.01) G16H 40/63 (2018.01) G16H 50/20 (2018.01)**
[25] EN
[54] **PERSONALIZED EVENT DETECTION METHODS AND RELATED DEVICES AND SYSTEMS**
[54] **PROCEDES DE DETECTION D'EVENEMENT PERSONNALISE ET DISPOSITIFS ET SYSTEMES ASSOCIES**
[72] ABRAHAM, SINU BESSY, US
[72] MCMAHON, CHANTAL M., US
[72] AGRAWAL, PRATIK, US
[72] JIANG, BOYI, US
[72] ZHONG, YUXIANG, US
[72] STONE, MICHAEL P., US
[72] NEEMUCHWALA, HUZEFA F., US
[71] MEDTRONIC MINIMED, INC., US
[85] 2018-02-02
[86] 2016-08-19 (PCT/US2016/047875)
[87] (WO2017/035019)
[30] US (62/208,479) 2015-08-21
[30] US (62/266,820) 2015-12-14
[30] US (62/286,828) 2016-01-25
[30] US (62/304,605) 2016-03-07
[30] US (62/304,609) 2016-03-07
[30] US (62/304,615) 2016-03-07
[30] US (62/304,618) 2016-03-07
[30] US (62/329,021) 2016-04-28
[30] US (15/240,711) 2016-08-18

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[13] A1
[51] **Int.Cl. A61M 5/172 (2006.01) A61B 5/00 (2006.01) A61B 5/145 (2006.01) A61M 5/142 (2006.01) G06F 19/00 (2018.01)**
[25] EN
[54] **METHODS FOR PROVIDING SENSOR SITE ROTATION FEEDBACK AND RELATED INFUSION DEVICES AND SYSTEMS**
[54] **PROCEDES PERMETTANT DE FOURNIR UNE RETROACTION DE ROTATION DE SITE DE CAPTEUR, ET DISPOSITIFS ET SYSTEMES DE PERFUSION ASSOCIES**
[72] PARIKH, NEHA J., US
[72] GOTTLIEB, REBECCA K., US
[72] GROSMAN, BENYAMIN, US
[72] ROY, ANIRBAN, US
[72] WU, DI, US
[71] MEDTRONIC MINIMED, INC., US
[85] 2018-02-02
[86] 2016-08-19 (PCT/US2016/047878)
[87] (WO2017/035021)
[30] US (62/208,486) 2015-08-21
[30] US (15/240,720) 2016-08-18

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[51] **Int.Cl. C07D 495/20 (2006.01) A61K 31/438 (2006.01) A61P 17/06 (2006.01) A61P 37/00 (2006.01)**
[25] EN
[54] **COMPOUNDS USEFUL FOR INHIBITING ROR-GAMMA-T**
[54] **COMPOSES UTILES POUR L'INHIBITION DU ROR-GAMMA-T**
[72] MORPHY, JOHN RICHARD, US
[71] ELI LILLY AND COMPANY, US
[85] 2018-02-02
[86] 2016-09-06 (PCT/US2016/050374)
[87] (WO2017/044410)
[30] US (62/215,929) 2015-09-09

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[13] A1
[51] **Int.Cl. C01D 15/00 (2006.01) C22B 26/12 (2006.01)**
[25] EN
[54] **PROCESSES FOR RECOVERING LITHIUM VALUES FROM LITHIUM-CONTAINING BRINES**
[54] **PROCEDES DE RECUPERATION DE VALEURS DE LITHIUM A PARTIR DE SAUMURES CONTENANT DU LITHIUM**
[72] CHENG, CHI HUNG, US
[72] SWITZER, JACKSON R., US
[72] NIEMAN, JAN, NL
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[54] **A TRANSGLUTAMINE TAG FOR EFFICIENT SITE-SPECIFIC BIOCONJUGATION**
[54] **MARQUEUR TRANSGLUTAMINE POUR UNE BIOCONJUGAISON EFFICACE SPECIFIQUE A UN SITE**
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[72] BETZ, ULRICH, DE
[72] KOLMAR, HARALD, DE
[72] SIEGMUND, VANESSA, DE
[71] MERCK PATENT GMBH, DE
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[54] **CELLULES POUR L'IMMUNOTHERAPIE MODIFIEES AFIN DE CIBLER L'ANTIGENE CD38 ET POUR INACTIVER LE GENE CD38**
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[71] CELLECTIS, FR
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[54] **PHARMACEUTICAL COMPOSITION COMPRISING SUMATRIPAN FOR TREATING MIGRAINE**
[54] **COMPOSITION PHARMACEUTIQUE COMPRENANT DU SUMATRIPTAN POUR LE TRAITEMENT DE LA MIGRAINE**
[72] PRABHAKARA, PRABHU, IN
[72] PATIL, RAJESH RAMESH, IN
[72] GUPTA, PIYUSH, IN
[72] RAGHUVANSHI, RAJEEV SINGH, IN
[72] NAMBOODIRIPAD, ANIL N., US
[71] DR. REDDY'S LABORATORIES LTD., IN
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[54] **ORAL DEVICES**
[54] **DISPOSITIFS BUCCAUX**
[72] LEE, SUE S., US
[71] LEE, SUE S., US
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[54] **METHOD FOR MANUFACTURING A FLAME-RESISTANT TEXTILE MATERIAL FOR PROTECTIVE CLOTHING, FLAME-RESISTANT TEXTILE MATERIAL, AND PROTECTIVE CLOTHING MADE THEREOF**
[54] **PROCEDE DE PRODUCTION D'UNE MATIERE TEXTILE DIFFICILEMENT INFLAMMABLE POUR VETEMENT DE PROTECTION, MATIERE TEXTILE DIFFICILEMENT INFLAMMABLE ET VETEMENT DE PROTECTION REALISE A PARTIR DE CELLE-CI**
[72] GSTETTNER, ALEXANDER, AT
[71] TRANS-TEXTIL GMBH, DE
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[54] **SYSTEMS AND METHODS FOR SMART HOME DATA STORAGE**
[54] **SYSTEMES ET PROCEDES DE MEMORISATION DE DONNEES DE MAISON INTELLIGENTE**
[72] EYRING, MATTHEW J., US
[72] WARREN, JEREMY B., US
[72] NYE, JAMES ELLIS, US
[71] VIVINT, INC., US
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[54] **PLANTE TRANSGENIQUE AYANT UNE RESISTANCE A UN CHAMPIGNON PHYTOPATHOGENE**
[72] DEISING, HOLGER, DE
[72] OLIVEIRA GARCIA, ELY, US
[72] STAHL, DIETMAR, DE
[72] TEMME, NORA, DE
[71] KWS SAAT SE, DE
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[54] **ASSEMBLY, AND METHOD, FOR PROCESSING FRUIT AND VEGETABLE PRODUCTS**
[54] **ENSEMBLE, ET PROCEDE, POUR LE TRAITEMENT DE PRODUITS A BASE DE FRUITS ET LEGUMES**
[72] BENEDETTI, LUCA, IT
[71] UNITEC S.P.A., IT
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[54] **MODELISATION DE PRODUIT DE CONSTRUCTION**
[72] GLOCKNER, OLIVER, AT
[72] EBNETER, MATTHIAS, CH
[72] SCHMIDT, THOMAS, CH
[72] CRAWFORD, DAVID, US
[72] CARCEDO BLANCO, DANIEL, CH
[72] GRIES, RENE, DE
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[54] **OUTIL D'INTEGRATION DE MODELE**
[72] INDURTHIVENKATA, RAJESH, US
[72] THAKUR, NANDITA, US
[72] VENKATARAMANI, LALITHADEVI, US
[72] SOMAKA, APARNA, US
[72] ZHANG, XINGJUN, US
[72] TURNER, MATTHEW, US
[72] KOSHYARI, BHAWANA, US
[72] NAGARAJAN, VIJAY, US
[72] REID, JAMES, US
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[25] EN
[54] **APPARATUS, ELECTRICAL TERMINAL, AND PLUG ADAPTER FOR THE TERMINAL**
[54] **CONNECTEUR INTERMEDIAIRE DE SECURITE CONTRE LE VOL ET APPAREIL TERMINAL ELECTRIQUE**
[72] KONIAREK, THOMAS, AT
[72] MESCHNIG, CHRISTIAN, AT
[71] ROSENBERGER TELEMATICS GMBH, AT
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[25] EN
[54] **PICKING DEVICE AND METHOD FOR OPERATING A PICKING DEVICE**
[54] **DISPOSITIF DE PREPARATION DE COMMANDES ET PROCEDE POUR FAIRE FONCTIONNER UN DISPOSITIF DE PREPARATION DE COMMANDES**
[72] HELLENBRAND, CHRISTOPH, DE
[71] BECTON DICKINSON ROWA GERMANY GMBH, DE
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[25] EN
[54] **RELEASE DEVICE FOR ENABLING AND BLOCKING DISCHARGING OF AN ARTICLE AND METHOD FOR DISCHARGING AN ARTICLE**
[54] **DISPOSITIF DE DECLENCHEMENT POUR LIBERER ET BLOQUER UNE DISTRIBUTION D'UN ARTICLE ET PROCEDE DE DISTRIBUTION D'UN ARTICLE**
[72] HELLENBRAND, CHRISTOPH, DE
[72] GROSS, DIETMAR, DE
[72] BROKONIER, STEPHAN, DE
[71] BECTON DICKINSON ROWA GERMANY GMBH, DE
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[51] **Int.Cl. C07H 7/06 (2006.01) A61K 31/7056 (2006.01) A61P 31/04 (2006.01)**
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[54] **MANNOSE DERIVATIVES USEFUL FOR TREATING PATHOLOGIES ASSOCIATED WITH ADHERENT E. COLI**
[54] **DERIVES DE MANNOSE UTILES POUR LE TRAITEMENT DE PATHOLOGIES ASSOCIEES A E. COLI ADHERENTS**
[72] GOUIN, SEBASTIEN, FR
[72] CHALOPIN, THIBAULT, FR
[72] BOUCKAERT, JULIE, BE
[72] BARNICH, NICOLAS, FR
[72] SIVIGNON, ADELINE, FR
[72] ALVAREZ-DORTA, DIMITRI ALEXANDER, FR
[72] BELLAMY, FRANCOIS, FR
[71] ENTEROME, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS), FR
[71] UNIVERSITE DE NANTES, FR
[71] UNIVERSITE CLERMONT AUVERGNE, FR
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[25] EN
[54] **A PROCESS FOR THE PREPARATION OF THE COMPOUND N-(3,5-DIMETHYLPHENYL)-N'-(2-TRIFLUOROMETHYLPHENYL) GUANIDINE**
[54] **PROCEDE POUR LA PREPARATION DU COMPOSE N-(3,5-DIMETHYLPHENYL)-N'-(2-TRIFLUOROMETHYLPHENYL)GUANIDINE**
[72] AMATO, JOSE, AR
[71] CHEMO RESEARCH, S.L., ES
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[51] **Int.Cl. A61C 13/00 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING AN ANATOMICAL DENTAL IMPLANT**
[54] **PROCEDE DE REALISATION D'UN IMPLANT DENTAIRE ANATOMIQUE**
[72] JAHN, DIRK, DE
[71] NT-TRADING GMBH & CO. KG, DE
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[51] **Int.Cl. G06F 21/57 (2013.01) H04W 4/00 (2018.01) H04W 12/06 (2009.01) H04L 29/06 (2006.01)**
[25] EN
[54] **METHOD AND COMMUNICATION SYSTEM FOR SECURED AND AUTOMATED COMMUNICATION**
[54] **PROCEDE ET SYSTEME DE COMMUNICATION POUR LA COMMUNICATION SECURISEE ET AUTOMATISEE**
[72] BREUER, JORG, DE
[72] MOOS, RAINER, DE
[71] DEUTSCHE TELEKOM AG, DE
[85] 2018-02-05
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[54] **RESEAU POLYMERE INTERPENETRANT CONTENANT DU N-POLYVINYLAMINE RETICULEE**
[72] LEGRAND, SACHA, FI
[72] POLVERARI, MARCO, CA
[71] KEMIRA OYJ, FI
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[51] **Int.Cl. C07F 9/6571 (2006.01) C07B 53/00 (2006.01)**
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[54] **PHOSPHORAMIDIMIDATES CHIRAUX ET LEURS DERIVES**
[72] LIST, BENJAMIN, DE
[72] KAIB, PHILIP STEPHAN JOSEPH, DE
[72] SCHREYER, LUCAS, DE
[72] LEE, SUNGGI, DE
[72] PROPERZI, ROBERTA, DE
[72] LIU, LUPING, DE
[71] STUDIENGESELLSCHAFT KOHLE MBH, DE
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[54] **SYSTEM FOR MODIFYING EYE TISSUE AND INTRAOCULAR LENSES**
[54] **SYSTEME PERMETTANT DE MODIFIER UN TISSU OCULAIRE ET LENTILLES INTRAOCULAIRES**
[72] SCHUELE, GEORG, US
[72] ANDERSEN, DAN, US
[72] DEWEY, DAVID A., US
[71] OPTIMEDICA CORPORATION, US
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[51] **Int.Cl. E21B 33/13 (2006.01) E21B 33/14 (2006.01) E21B 34/06 (2006.01)**
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[54] **SYSTEMS AND METHOD FOR REVERSE CEMENTING**
[54] **SYSTEMES ET PROCEDE DE CIMENTATION INVERSE**
[72] GAO, BO, US
[72] HU, YUZHU, US
[72] SINGH, JOHN P., US
[72] JIMENEZ, WALMY CUELLO, US
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[54] **ELEMENTS A DEUX FREQUENCES POUR DES COMMUNICATIONS EN PUITS DE FORAGE**
[72] ROBERSON, MARK W., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **METHOD AND APPARATUS FOR MEASURING CHARACTERISTICS OF FLUID IN A RESERVOIR**
[54] **PROCEDE ET APPAREIL DE MESURE DE CARACTERISTIQUES D'UN FLUIDE DANS UN RESERVOIR**
[72] JAMISON, DALE E., US
[72] MATTHEWS, KENNETH HEIDT, US
[72] VOS, ANDREW D., US
[72] KULKARNI, SANDEEP D., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[51] **Int.Cl. H01M 10/052 (2010.01) H01M 10/0567 (2010.01) H01M 10/0568 (2010.01) H01M 10/0569 (2010.01)**
[25] EN
[54] **NONAQUEOUS ELECTROLYTE COMPOSITIONS COMPRISING LITHIUM OXALATO PHOSPHATES**
[54] **COMPOSITIONS D'ELECTROLYTE NON AQUEUX COMPRENANT DES OXALATO-PHOSPHATES DE LITHIUM**
[72] ARTHUR, SAMUEL DAVID, US
[72] BURKHARDT, STEPHEN E., US
[72] KOURTAKIS, KOSTANTINOS, US
[72] LEVY-POLIS, BRIAN, US
[72] LIU, JUN J., US
[72] ROELOFS, MARK GERRIT, US
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US
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[25] EN
[54] **ROUTE CONFIGURATION FOR LOGICAL ROUTER**
[54] **CONFIGURATION DE ROUTE POUR ROUTEUR LOGIQUE**
[72] MASUREKAR, UDAY, US
[72] GOLIYA, ABHISHEK, IN
[71] NICIRA, INC., US
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[25] EN
[54] **HEATING COMPONENT TO REDUCE SOLIDIFICATION IN A CRYOGENIC DISTILLATION SYSTEM**
[54] **COMPOSANT DE CHAUFFAGE POUR REDUCTION DE LA SOLIDIFICATION DANS UN SYSTEME DE DISTILLATION CRYOGENIQUE**
[72] VALENCIA, JAIME A., US
[72] SMITH, RANSDALL K., US
[72] KIMBLE, E. LAWRENCE, US
[72] KELMAN, SCOTT D., US
[71] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
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[30] US (62/220,269) 2015-09-18

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[25] EN
[54] **EXPLORATION METHOD AND SYSTEM FOR DETECTION OF HYDROCARBONS FROM THE WATER COLUMN**
[54] **PROCEDE ET SYSTEME D'EXPLORATION PERMETTANT DE DETECTER DES HYDROCARBURES A PARTIR D'UNE COLONNE D'EAU**
[72] HORNBOSTEL, SCOTT C., US
[72] JONES, HOMER C., US
[72] BLUM, JOHN, US
[71] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
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[30] US (62/214,425) 2015-09-04

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[51] **Int.Cl. H04L 29/06 (2006.01) H04L 12/66 (2006.01) H04L 29/08 (2006.01)**
[25] EN
[54] **CONTROLLING A DEVICE CLOUD**
[54] **COMMANDE D'UN NUAGE DE DISPOSITIFS**
[72] TAL, ERAN, US
[72] REHWALD, MARTIN, US
[72] PENOV, FRANCISLAV, US
[72] YANG, SIYIN, US
[72] KOWALEWSKI, DAMIAN, US
[72] YAKOVLEV, GEORGIY, US
[72] CHHABRA, ANUPMA, US
[72] LAWRENCE, ZACHARY CHEE-PING, US
[72] AHMAD, RIZWAN, US
[72] TIEN, DUNG NGUYEN, US
[72] ESCARENO, ANGELICA ESTEFANIA, US
[72] BIGIO, AIDYMAR, US
[71] FACEBOOK, INC., US
[85] 2018-01-25
[86] 2016-08-05 (PCT/US2016/045684)
[87] (WO2017/024192)
[30] US (62/201,496) 2015-08-05
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[25] EN
[54] **SYSTEMS AND METHODS TO REDUCE EROSION IN WIRE WRAP SCREEN ON PERFORATED BASE PIPE**
[54] **SYSTEMES ET PROCEDES POUR REDUIRE L'EROSION D'UN TAMIS ENVELOPPANT EN FIL SUR TUYAU DE BASE PERFORE**
[72] GALLO, FEDERICO G., US
[72] MAYER, CHRISTIAN S., US
[72] WANG, JASON Y., US
[71] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[85] 2018-02-05
[86] 2016-07-13 (PCT/US2016/041972)
[87] (WO2017/039840)
[30] US (62/213,827) 2015-09-03
[30] US (62/247,900) 2015-10-29

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[51] **Int.Cl. E21B 43/26 (2006.01) E21B 17/00 (2006.01) E21B 34/06 (2006.01)**
[25] EN
[54] **FRACTURING SLEEVES AND METHODS OF USE THEREOF**
[54] **MANCHONS DE FRACTURATION ET LEURS PROCEDES D'UTILISATION**
[72] JAHIR, PABON, US
[72] GODFREY, MATTHEW, US
[71] SCHLUMBERGER CANADA LIMITED, CA
[85] 2018-02-05
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[30] US (14/821,080) 2015-08-07

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[54] **COMPOUNDS USEFUL FOR TREATING DISORDERS RELATED TO KIT AND PDGFR**
[54] **COMPOSES UTILES POUR TRAITER DES TROUBLES ASSOCIES A KIT ET PDGFR**
[72] HODOUS, BRIAN L., US
[72] WILSON, KEVIN J., US
[72] ZHANG, YULIAN, US
[71] BLUEPRINT MEDICINES CORPORATION, US
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[25] EN
[54] **BACKSIDE COUPLED SYMMETRIC VARACTOR STRUCTURE**
[54] **STRUCTURE DE DIODE VARACTOR SYMETRIQUE COUPLEE A UNE FACE ARRIERE**
[72] KIM, DAEIK DANIEL, US
[72] BERDY, DAVID FRANCIS, US
[72] LAN, JE-HSIUNG JEFFREY, US
[72] YUN, CHANGHAN HOBIE, US
[72] KIM, JONGHAE, US
[71] QUALCOMM INCORPORATED, US
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[25] EN
[54] **FILTER MEDIA FOR RESPIRATORY PROTECTION**
[54] **SUPPORT DE FILTRE DESTINE A LA PROTECTION DES VOIES RESPIRATOIRES**
[72] RANKIN, MATTHEW A., US
[72] DAHN, JEFFREY R., CA
[72] MA, XIAOWEI, CA
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
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[86] 2016-08-04 (PCT/US2016/045514)
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[51] **Int.Cl. C07K 16/28 (2006.01) A61P 35/00 (2006.01) A61K 39/00 (2006.01)**
[25] EN
[54] **NEAR INFRARED PHOTOIMMUNOTHERAPY (NIR-PIT) OF SUPPRESSOR CELLS TO TREAT CANCER**
[54] **PHOTOIMMUNOTHERAPIE A INFRAROUGE PROCHE (NIR-PIT) DE LYMPHOCYTES SUPPRESSEURS POUR LE TRAITEMENT DU CANCER**
[72] KOBAYASHI, HISATAKA, US
[72] CHOYKE, PETER, US
[72] SATO, KAZUHIDE, US
[72] SATO, NORIKO, US
[71] THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES, US
[85] 2018-02-05
[86] 2016-08-02 (PCT/US2016/045090)
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[25] EN
[54] **STEREOSPECIFIC PROCESS FOR 3-HETEROCYCLYLCYCLOALIPHATIC-1,2-DIOLS**
[54] **PROCEDE STEREOSPECIFIQUE POUR DIOLS 3-HETEROCYCLYLCYCLOALIPHATIQUES-1,2**
[72] OHLMEYER, MICHAEL, US
[72] ZAWARE, NILESH, US
[71] ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI, US
[85] 2018-02-05
[86] 2016-08-05 (PCT/US2016/045779)
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[25] EN
[54] **BUILDING AND MANAGING DATA-PROCESSING ATTRIBUTES FOR MODELED DATA SOURCES**
[54] **CONSTRUCTION ET GESTION D'ATTRIBUTS DE TRAITEMENT DE DONNEES POUR SOURCES DE DONNEES MODELISEES**
[72] SAMARA, DANIELLE, US
[72] WELSH, MATTHEW, US
[72] CHALIMEDA, NARESH, US
[72] REID, JAMES, US
[72] GEUM, SEONG, US
[72] GALVEZ, PAULINA, CL
[72] MAUREIRA, JUAN, CL
[72] HEAD, YOLANDA, US
[71] EQUIFAX INC., US
[85] 2018-02-05
[86] 2016-08-05 (PCT/US2016/045812)
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[51] **Int.Cl. G06T 3/40 (2006.01)**
[25] EN
[54] **CHOREOGRAPHING AUTOMATED AND MANUAL PROCESSES IN SUPPORT OF MOSAIC GENERATION**
[54] **SYNCHRONISATION DE PROCESSUS MANUELS ET AUTOMATISES LORS D'UNE PRISE EN CHARGE D'UNE GENERATION DE MOSAIQUE**
[72] SWANSON, NATHAN, US
[71] DIGITALGLOBE, INC., US
[85] 2018-02-05
[86] 2016-08-04 (PCT/US2016/045635)
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[51] **Int.Cl. C07F 13/00 (2006.01) C07F 1/08 (2006.01) C07F 15/02 (2006.01) C07F 15/04 (2006.01)**
[25] EN
[54] **PENTAAZA MACROCYCLIC RING COMPLEXES POSSESSING ORAL BIOAVAILABILITY**
[54] **COMPLEXES DE CYCLE PENTAAZA MACROCYCLIQUE PRESENTANT UNE BIODISPONIBILITE PAR VOIE ORALE**
[72] KEENE, JEFFERY L., US
[72] SCHALL, OTTO F., US
[72] RILEY, DENNIS P., US
[71] GALERA LABS, LLC, US
[85] 2018-02-05
[86] 2016-08-11 (PCT/US2016/046599)
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[30] US (62/203,761) 2015-08-11

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[25] EN
[54] **COMPOSITION OF CATALYSTS FOR CONVERSION OF ETHANOL TO N-BUTANOL AND HIGHER ALCOHOLS**
[54] **COMPOSITION DE CATALYSEURS POUR LA CONVERSION D'ETHANOL EN N-BUTANOL ET ALCOOLS A HAUT POIDS MOLECULAIRE**
[72] VICENTE, BRIAN CHRISTOPHER, US
[72] STOIMENOV, PETER K., US
[71] RESCURVE, LLC, US
[85] 2018-02-05
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[54] **MASSAGING PRESS ROLLER**
[54] **ROULEAU PRESSEUR MASSANT**
[72] LUDWIG, RALF, US
[72] TIMPERIO, LOUIS O., US
[71] JOHN BEAN TECHNOLOGIES CORPORATION, US
[85] 2018-02-05
[86] 2016-08-12 (PCT/US2016/046672)
[87] (WO2017/030924)
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[25] EN
[54] **COMPOSITIONS, COMBINATIONS AND RELATED METHODS FOR PHOTOIMMUNOTHERAPY**
[54] **COMPOSITIONS, COMBINAISONS ET PROCEDES ASSOCIES POUR PHOTOIMMUNOTHERAPIE**
[72] BIEL, MERRILL, US
[72] MAKINGS, LEWIS R., US
[72] HEIM, ROGER, US
[72] GARCIA-GUZMAN, MIGUEL, US
[72] CHIN, EILEEN SUN, US
[72] YADAV, DEEPAK, US
[72] FONG, JERRY, US
[71] ASPYRIAN THERAPEUTICS, INC., US
[85] 2018-02-05
[86] 2016-08-18 (PCT/US2016/047640)
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[30] US (62/206,776) 2015-08-18
[30] US (62/249,085) 2015-10-30

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[25] EN
[54] **SYSTEM AND METHOD FOR DETECTING ANGLE AMBIGUITY IN OPTICAL SENSORS**
[54] **SYSTEME ET PROCEDE POUR DETECTER L'AMBIGUITE D'ANGLE DANS DES CAPTEURS OPTIQUES**
[72] NEWMAN, GREG, US
[72] WOOSLEY, JAMES, US
[71] ELBIT SYSTEMS OF AMERICA, LLC, US
[85] 2018-02-05
[86] 2016-08-19 (PCT/US2016/047853)
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[25] EN
[54] **COVALENT LINKERS IN ANTIBODY-DRUG CONJUGATES AND METHODS OF MAKING AND USING THE SAME**
[54] **LIEURS COVALENTS DANS DES CONJUGUES ANTICORPS-MEDICAMENT ET LEURS PROCEDES DE PRODUCTION ET D'UTILISATION**
[72] HUANG, CHANG JIANG, US
[72] FANG, JIANMIN, US
[72] YE, HUI, US
[72] ZHANG, LEZI, US
[71] RC BIOTECHNOLOGIES, INC., US
[85] 2018-02-05
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[30] US (62/205,121) 2015-08-14

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[51] **Int.Cl. B01D 53/04 (2006.01) B01D 53/047 (2006.01) B01D 53/26 (2006.01) C10L 3/10 (2006.01)**
[25] EN
[54] **APPARATUS AND SYSTEM FOR RAPID CYCLE SWING ADSORPTION PROCESSES RELATED THERETO**
[54] **APPAREIL ET SYSTEME POUR PROCEDES D'ADSORPTION MODULEE A CYCLE RAPIDE ASSOCIES A CELUI-CI**
[72] JOHNSON, ROBERT A., US
[72] DECKMAN, HARRY W., US
[72] KELLEY, BRUCE T., US
[72] OELFKE, RUSSELL H., US
[72] RAMKUMAR, SHWETHA, US
[71] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[85] 2018-02-05
[86] 2016-08-10 (PCT/US2016/046361)
[87] (WO2017/039988)
[30] US (62/213,262) 2015-09-02

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[51] **Int.Cl. H03F 3/213 (2006.01) H04B 1/40 (2015.01)**
[25] EN
[54] **WIRELESS DEVICE SIGNAL AMPLIFIER**
[54] **AMPLIFICATEUR DE SIGNAL DE DISPOSITIF SANS FIL**
[72] COOK, PATRICK, US
[72] ASHWORTH, CHRISTOPHER KEN, US
[71] WILSON ELECTRONICS, LLC, US
[85] 2018-02-05
[86] 2016-08-18 (PCT/US2016/047549)
[87] (WO2017/031315)
[30] US (62/206,423) 2015-08-18

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[25] EN
[54] **APPARATUS AND SYSTEM FOR SWING ADSORPTION PROCESSES RELATED THERETO**
[54] **APPAREIL ET SYSTEME DE PROCEDES D'ADSORPTION MODULEE EN PRESSION ASSOCIES**
[72] MCMAHON, PATRICK D. J., US
[72] JOHNSON, ROBERT A., US
[72] RAMKUMAR, SHWETHA, US
[72] OELFKE, RUSSELL H., US
[72] THOMAS, EUGENE R., US
[72] NAGAVARAPU, ANANDA K., US
[72] BARNES, WILLIAM, US
[71] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[85] 2018-02-05
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[87] (WO2017/039989)
[30] US (62/213,267) 2015-09-02

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[51] **Int.Cl. H04B 7/155 (2006.01)**
[25] EN
[54] **WIRELESS DEVICE SIGNAL AMPLIFIER**
[54] **AMPLIFICATEUR DE SIGNAUX DE DISPOSITIF SANS FIL**
[72] COOK, PATRICK, US
[72] ASHWORTH, CHRISTOPHER KEN, US
[71] WILSON ELECTRONICS, LLC, US
[85] 2018-02-05
[86] 2016-08-18 (PCT/US2016/047588)
[87] (WO2017/031336)
[30] US (62/206,423) 2015-08-18

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[51] **Int.Cl. H05K 9/00 (2006.01)**
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[54] **SMART EMI VENT**
[54] **EVENT INTELLIGENT A PROTECTION CONTRE LES INTERFERENCES ELECTROMAGNETIQUES (EMI)**
[72] COPPOLA, STEPHEN J., US
[71] PARKER-HANNIFIN CORPORATION, US
[85] 2018-02-05
[86] 2016-09-14 (PCT/US2016/051576)
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[30] US (62/218,650) 2015-09-15

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[51] **Int.Cl. A61K 38/37 (2006.01) A61K 9/127 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL FORMULATIONS OF PEGYLATED LIPOSOMES AND BLOOD COAGULATION FACTORS**
[54] **FORMULATIONS PHARMACEUTIQUES DE LIPOSOMES PEGYLES ET FACTEURS DE COAGULATION SANGUINE**
[72] HENRY, WILLIAM, GB
[71] CANTAB BIOPHARMACEUTICALS PATENTS LIMITED, MT
[85] 2018-02-06
[86] 2015-10-06 (PCT/EP2015/073003)
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[25] EN
[54] **WAGON HAVING AUTONOMOUS POWER SUPPLY FOR EMERGENCY USE**
[54] **CHARIOT DE TRANSPORT DOTE D'UNE ALIMENTATION EN ENERGIE AUTONOME POUR DES SITUATIONS D'URGENCE**
[72] STEHR, ROLAND, DE
[71] DUCKER FORDERTECHNIK GMBH, DE
[85] 2018-02-06
[86] 2016-06-29 (PCT/EP2016/065168)
[87] (WO2017/001493)
[30] DE (10 2015 212 054.6) 2015-06-29

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[51] **Int.Cl. B60L 11/18 (2006.01) H01R 4/00 (2006.01) H01R 13/00 (2006.01) H02J 1/00 (2006.01) H02J 4/00 (2006.01)**
[25] EN
[54] **A SYSTEM FOR AUTOMATICALLY ESTABLISHING A TEMPORARY ELECTRICAL POWER CONNECTION**
[54] **SYSTEME POUR ETABLIR AUTOMATIQUEMENT UN RACCORDEMENT ELECTRIQUE TEMPORAIRE**
[72] WIDEGREN, MICHAEL, CH
[71] IPALCO BV, NL
[85] 2018-02-06
[86] 2016-08-04 (PCT/EP2016/068654)
[87] (WO2017/021495)
[30] LU (92790) 2015-08-06

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[51] **Int.Cl. A61K 47/10 (2017.01) A61K 9/14 (2006.01) A61K 9/48 (2006.01) A61K 31/192 (2006.01) A61K 47/14 (2017.01)**
[25] EN
[54] **SOLID SOLUTION COMPOSITIONS FOR NSAIDS**
[54] **COMPOSITIONS DE SOLUTION SOLIDE POUR AINS**
[72] BANNISTER, ROBIN MARK, GB
[72] BREW, JOHN, GB
[72] REILEY, RICHARD ROBERT, GB
[72] CAPARROS-WANDERLEY, WILSON, GB
[71] INFIRST HEALTHCARE LIMITED, GB
[85] 2018-02-06
[86] 2016-08-08 (PCT/EP2016/068900)
[87] (WO2017/025517)
[30] EP (15180256.8) 2015-08-07
[30] US (14/821,687) 2015-08-07

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[51] **Int.Cl. C07K 16/28 (2006.01) A61K 39/00 (2006.01) C07K 16/46 (2006.01)**
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[54] **IL2RBETA/COMMON GAMMA CHAIN ANTIBODIES**
[54] **ANTICORPS ANTI-IL-2-R BETA/CHAINE GAMMA COMMUNE**
[72] WANG, CHENG-I, SG
[72] BRAUER, PETER, SG
[72] YEO, SIOK PING, SG
[72] TAN, HWEE CHING, SG
[72] CONNOLLY, JOHN EDWARD, SG
[71] AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH, SG
[85] 2018-02-06
[86] 2016-08-05 (PCT/EP2016/068780)
[87] (WO2017/021540)
[30] SG (10201506227V) 2015-08-06

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[13] A1
[51] **Int.Cl. B29D 30/04 (2006.01) B29C 73/20 (2006.01) B60C 7/10 (2006.01) B29C 73/16 (2006.01)**
[25] EN
[54] **TIRE FILLING BASED ON ACRYLIC HYDROGELS**
[54] **REMPLISSAGE DE PNEUS FAISANT APPEL A DES HYDROGELS ACRYLIQUES**
[72] WILFRIED, CARL, CH
[72] HAUFE, MARKUS, CH
[71] SIKA TECHNOLOGY AG, CH
[85] 2018-02-06
[86] 2016-08-09 (PCT/EP2016/068935)
[87] (WO2017/025528)
[30] EP (15180984.5) 2015-08-13

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[13] A1
[51] **Int.Cl. F16B 37/08 (2006.01) B01F 11/00 (2006.01)**
[25] EN
[54] **PHARMACY FORMULATION PRODUCTION JAR LID, PHARMACY FORMULATION PRODUCTION JAR BOTTOM, PHARMACY FORMULATION PRODUCTION JAR ADAPTER, PHARMACY FORMULATION PRODUCTION JAR THEREWITH, PHARMACY FORMULATION PRODUCTION DEVICE LIFTING ARM, AND PHARMACY FORMULATION PRODUCTION DEVICE THEREWITH**
[54] **COUVERCLE DE BOCAL DE PRODUCTION DE FORMULATION PHARMACEUTIQUE, FOND DE BOCAL DE PRODUCTION DE FORMULATION PHARMACEUTIQUE, ADAPTATEUR DE BOCAL DE PRODUCTION DE FORMULATION PHARMACEUTIQUE, BOCAL DE PRODUCTION DE FORMULATION PHARMACEUTIQUE ASSOCIE, BRAS DE LEVAGE DE DISPOSITIF DE PRODUCTION DE FORMULATION PHARMACEUTIQUE ET DISPOSITIF DE PRODUCTION DE FORMULATI**
[72] KONIETZKO, MATTHIAS, DE
[71] GAKO INTERNATIONAL GMBH, DE
[85] 2018-02-06
[86] 2016-08-17 (PCT/EP2016/069509)
[87] (WO2017/029322)
[30] DE (10 2015 113 822.0) 2015-08-20

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[13] A1
[51] **Int.Cl. G06K 9/00 (2006.01)**
[25] EN
[54] **AUTOMATED ANALYSIS OF CELLULAR SAMPLES HAVING INTERMIXING OF ANALYTICALLY DISTINCT PATTERNS OF ANALYTE STAINING**
[54] **ANALYSE AUTOMATISEE D'ECHANTILLONS CELLULAIRES PRESENTANT UN MELANGE DE MOTIFS ANALYTIQUEMENT DISTINCTS DE COLORATION D'UN ANALYTE**
[72] NGUYEN, KIEN, VN
[72] CHEFD'HOTEL, CHRISTOPHE, US
[71] VENTANA MEDICAL SYSTEMS, INC., US
[85] 2018-02-06
[86] 2016-09-01 (PCT/EP2016/070621)
[87] (WO2017/037180)
[30] US (62/213,284) 2015-09-02

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[51] **Int.Cl. F03D 7/02 (2006.01) F03D 17/00 (2016.01) F03D 1/06 (2006.01)**
[25] EN
[54] **WIND TURBINE BLADE PROVIDED WITH ROOT END FLANGE**
[54] **PALE D'EOLIENNE COMPRENANT UNE BRIDE D'EXTREMITE D'EMPLANTURE**
[72] EJLERSEN, FLEMMING, DK
[72] VAN DEN BERG, RENE, DK
[72] ROBERTS, DAVID, NL
[72] KEESMEKERS, EDDY, NL
[71] LM WP PATENT HOLDING A/S, DK
[85] 2018-02-06
[86] 2016-08-12 (PCT/EP2016/069294)
[87] (WO2017/025640)
[30] EP (15180938.1) 2015-08-13

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[13] A1
[51] **Int.Cl. B64F 1/32 (2006.01)**
[25] EN
[54] **LOADER FOR AIRCRAFT**
[54] **CHARGEUR POUR AERONEF**
[72] RODENKIRCH, MARK JAMES, US
[71] JOHN BEAN TECHNOLOGIES CORPORATION, US
[85] 2018-02-06
[86] 2015-08-17 (PCT/US2015/045508)
[87] (WO2017/030551)

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[13] A1
[51] **Int.Cl. G06F 3/01 (2006.01) G06F 3/048 (2013.01) G06K 9/00 (2006.01)**
[25] EN
[54] **METHOD FOR N-DIMENSIONAL DETECTION OF SPATIAL, TEMPORAL AND GRAVIMETRIC ATTRIBUTES AND ASSOCIATED VARIATION IN PLOTS, DIGITAL OBJECTS AND PHOTOGRAPHS**
[54] **PROCEDE POUR LA DETECTION D'ATTRIBUTS SPATIAUX, TEMPORAUX ET GRAVIMETRIQUE A N DIMENSIONS ET UNE VARIATION ASSOCIEE DANS DES GRAPHIQUES, DES OBJETS NUMERIQUES ET DES PHOTOGRAPHIES**
[72] RAMSAY, TRAVIS ST. GEORGE, US
[72] DAVIS, BRIAN DALE, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2018-02-06
[86] 2015-09-10 (PCT/US2015/049503)
[87] (WO2017/044108)

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[13] A1
[51] **Int.Cl. A01N 37/36 (2006.01) A01N 25/04 (2006.01) A01N 37/10 (2006.01) A01P 1/00 (2006.01) A61K 8/06 (2006.01) A61K 8/365 (2006.01) A61K 8/368 (2006.01) A61L 2/18 (2006.01)**
[25] EN
[54] **PRESERVATIVE SYSTEM BASED ON ORGANIC ACIDS**
[54] **SYSTEME DE CONSERVATION A BASE D'ACIDES ORGANIQUES**
[72] LESNIAK, EWELINA, US
[72] POTECHIN, KATHY, US
[71] COLGATE-PALMOLIVE COMPANY, US
[85] 2018-02-06
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[51] **Int.Cl. A61L 31/12 (2006.01) A61K 9/00 (2006.01) A61L 31/16 (2006.01)**
[25] EN
[54] **IMPLANTABLE GRAPHENE MEMBRANES WITH LOW CYTOTOXICITY**
[54] **MEMBRANES DE GRAPHENE IMPLANTABLES AYANT UNE FAIBLE CYTOTOXICITE**
[72] SIMON, SARAH M., US
[72] SWETT, JACOB L., US
[72] BEDWORTH, PETER V., US
[72] HEISE, SCOTT E., US
[71] LOCKHEED MARTIN CORPORATION, US
[85] 2018-02-06
[86] 2016-04-14 (PCT/US2016/027616)
[87] (WO2017/023379)
[30] US (62/202,056) 2015-08-06
[30] US (15/099,193) 2016-04-14

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[51] **Int.Cl. G01J 4/04 (2006.01) G01N 21/21 (2006.01) G02B 5/30 (2006.01)**
[25] EN
[54] **POLARIZED PIXELATED FILTER ARRAY WITH REDUCED SENSITIVITY TO MISALIGNMENT FOR POLARIMETRIC IMAGING**
[54] **RESEAU DE FILTRES PIXELISES POLARISES AVEC SENSIBILITE REDUITE AU DEFAUT D'ALIGNEMENT POUR IMAGERIE POLARIMETRIQUE**
[72] FEST, ERIC C., US
[72] LEIGH, JON E., US
[71] RAYTHEON COMPANY, US
[85] 2018-02-06
[86] 2016-06-12 (PCT/US2016/037116)
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[30] US (14/836,305) 2015-08-26

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[51] **Int.Cl. G21F 9/12 (2006.01) C02F 1/42 (2006.01)**
[25] EN
[54] **PASSIVELY COOLED ION EXCHANGE COLUMN**
[54] **COLONNE D'ECHANGE D'IONS A REFROIDISSEMENT PASSIF**
[72] SMITH, ERIC, US
[71] P&T GLOBAL SOLUTIONS, LLC, US
[85] 2018-02-06
[86] 2016-06-13 (PCT/US2016/037232)
[87] (WO2017/027098)
[30] US (62/204,793) 2015-08-13
[30] US (14/875,485) 2015-10-05

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[51] **Int.Cl. B01J 47/00 (2017.01) B01J 20/02 (2006.01) B01J 20/22 (2006.01) G21F 9/12 (2006.01)**
[25] EN
[54] **ION EXCHANGE COLUMN CONFIGURED TO REDUCE INTERNAL LEVELS OF RADIOLYTIC HYDROGEN GAS**
[54] **COLONNE D'ECHANGE D'IONS CONFIGUREE DE SORTE A REDUIRE LES NIVEAUX INTERNES D'HYDROGENE GAZEUX DE RADIOLYSE**
[72] SMITH, ERIC, US
[71] P&T GLOBAL SOLUTIONS, LLC, US
[85] 2018-02-06
[86] 2016-06-13 (PCT/US2016/037269)
[87] (WO2017/027099)
[30] US (62/204,791) 2015-08-13
[30] US (14/937,570) 2015-11-10

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[51] **Int.Cl. B22D 18/02 (2006.01) B22D 19/16 (2006.01) E21B 33/12 (2006.01) E21B 34/06 (2006.01)**
[25] EN
[54] **METHODS OF MANUFACTURING DISSOLVABLE TOOLS VIA LIQUID-SOLID STATE MOLDING**
[54] **PROCEDES DE FABRICATION D'OUTILS SOLUBLES PAR L'INTERMEDIAIRE D'UN MOULAGE A L'ETAT LIQUIDE-SOLIDE**
[72] XU, ZHIYUE, US
[72] SALINAS, BOBBY, US
[72] ZHANG, ZHIHUI, US
[71] BAKER HUGHES, A GE COMPANY, LLC, US
[85] 2018-02-06
[86] 2016-07-12 (PCT/US2016/041849)
[87] (WO2017/027149)
[30] US (14/823,491) 2015-08-11

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[51] **Int.Cl. E21B 29/00 (2006.01) E21B 10/26 (2006.01) E21B 41/00 (2006.01)**
[25] EN
[54] **DOWNHOLE CUTTING TOOL**
[54] **OUTIL DE TAILLE DE FOND DE TROU**
[72] JOHNSON, ASHLEY BERNARD, GB
[72] BATTOCCHIO, FRANCESCO, GB
[71] SCHLUMBERGER CANADA LIMITED, CA
[85] 2018-02-06
[86] 2016-07-15 (PCT/US2016/042379)
[87] (WO2017/023509)
[30] GB (1513927.2) 2015-08-06

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[51] **Int.Cl. G08G 1/14 (2006.01) G08G 1/04 (2006.01)**
[25] EN
[54] **SUSTAINABLE REAL-TIME PARKING AVAILABILITY SYSTEM**
[54] **SYSTEME DE DISPONIBILITE DE STATIONNEMENT EN TEMPS REEL DURABLE**
[72] VANDER HELM, WARREN C., US
[72] VOGEL, DAVID L., US
[72] HOLM, MICHAEL T., US
[71] PARK GREEN, LLC, US
[85] 2018-02-06
[86] 2016-07-19 (PCT/US2016/042920)
[87] (WO2017/027176)
[30] US (14/821,074) 2015-08-07

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[13] A1
[51] **Int.Cl. E02F 9/28 (2006.01)**
[25] EN
[54] **RETENTION LOBE FOR GROUND ENGAGING TIP**
[54] **LOBE DE RETENUE POUR POINTE D'ENGAGEMENT AVEC LE SOL**
[72] BALAN, MIHAI M., US
[72] SERRURIER, DOUGLAS C., US
[71] CATERPILLAR INC., US
[85] 2018-02-06
[86] 2016-07-27 (PCT/US2016/044259)
[87] (WO2017/027220)
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[13] A1
[51] **Int.Cl. F16F 15/06 (2006.01) F16F 3/02 (2006.01)**
[25] EN
[54] **PAYLOAD SHOCK AND VIBRATION ISOLATOR**
[54] **ISOLATEUR DE CHOCS ET DE VIBRATIONS DE CHARGE UTILE**
[72] SHEPARD, JOHN T., US
[72] PARGETT, TIMOTHY J., US
[71] MOOG INC., US
[85] 2018-02-06
[86] 2016-07-29 (PCT/US2016/044666)
[87] (WO2017/027229)
[30] US (62/202,628) 2015-08-07

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[51] **Int.Cl. A61B 1/00 (2006.01) A61B 1/005 (2006.01) A61B 1/04 (2006.01) A61B 1/06 (2006.01)**
[25] EN
[54] **ENDOSCOPE WITH VARIABLE PROFILE TIP**
[54] **ENDOSCOPE AVEC EMBOUT A PROFIL VARIABLE**
[72] KUCHARSKI, ROBERT C., US
[72] BLOOM, PAUL L., US
[72] BASADONNA, GIACOMO, US
[72] BLANKENSHIP, LARRY O., US
[72] BUCKNAM, LAURA E., US
[71] ENLIGHTENVUE, LLC, US
[85] 2018-02-06
[86] 2016-08-03 (PCT/US2016/045417)
[87] (WO2017/027299)
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[25] EN
[54] **FLUORESCENT BUILDING PRODUCT AND RELATED DETECTION METHOD**
[54] **PRODUIT DE CONSTRUCTION FLUORESCENT ET PROCEDE DE DETECTION ASSOCIE**
[72] KINCAID, TYLER, US
[72] MILLER, CHARLES J., US
[71] UNITED STATES GYPSUM COMPANY, US
[85] 2018-02-06
[86] 2016-08-04 (PCT/US2016/045542)
[87] (WO2017/027318)
[30] US (14/824,780) 2015-08-12

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[13] A1
[51] **Int.Cl. A61L 26/00 (2006.01)**
[25] EN
[54] **FLOWABLE HEMOSTATIC GEL COMPOSITION AND ITS METHODS OF USE**
[54] **COMPOSITION DE GEL HEMOSTATIQUE FLUIDE ET SES PROCEDES D'UTILISATION**
[72] PHILLIPS, VICTOR MATTHEW, US
[72] GARNER, JOHN, US
[71] PHILLIPS, VICTOR MATTHEW, US
[85] 2018-02-06
[86] 2016-08-02 (PCT/US2016/045126)
[87] (WO2017/027253)
[30] US (14/820,936) 2015-08-07

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[13] A1
[51] **Int.Cl. B65G 53/40 (2006.01) B65G 53/04 (2006.01) B65G 53/52 (2006.01)**
[25] EN
[54] **FREE FLOW COLLAR FOR CONTROL VALVES**
[54] **COLLIER D'ECOULEMENT LIBRE POUR SOUPAPES DE COMMANDE**
[72] PLATUSICH, BRUCE M., US
[71] RED VALVE COMPANY, INC., US
[85] 2018-02-06
[86] 2016-08-05 (PCT/US2016/045712)
[87] (WO2017/027349)
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[51] **Int.Cl. A01N 25/02 (2006.01) A01N 25/30 (2006.01) A01N 31/08 (2006.01) A01N 33/08 (2006.01) C05C 11/00 (2006.01) C05G 3/00 (2006.01)**
[25] EN
[54] **CHOLINE SALT AND AMMONIUM-FREE ADJUVANTS FOR WATER CONDITIONING AND AGRICULTURAL FORMULATIONS**
[54] **ADJUVANTS DEPOURVUS DE SEL DE CHOLINE ET D'AMMONIUM POUR DES FORMULATIONS POUR L'ADOUCISSEMENT DE L'EAU ET DES FORMULATIONS AGRICOLES**
[72] GOYAL, RAJESH, IN
[72] RUCH, THOMAS, US
[72] SHANMUGA, KRISH, US
[72] CASTAING, JEAN-CHRISTOPHE, FR
[72] VIELLIARD, ANTOINE, US
[71] RHODIA OPERATIONS, FR
[85] 2018-02-06
[86] 2016-08-02 (PCT/US2016/045100)
[87] (WO2017/027250)
[30] US (62/202,245) 2015-08-07

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[51] **Int.Cl. G06F 19/00 (2018.01)**
[25] EN
[54] **AUTOMATIC UPDATING OF CARE TEAM ASSIGNMENTS IN ELECTRONIC HEALTH RECORD SYSTEMS BASED ON DATA FROM VOICE COMMUNICATIONS SYSTEMS**
[54] **MISE A JOUR AUTOMATIQUE D'AFFECTATIONS D'EQUIPE SOIGNANTE DANS DES SYSTEMES DE DOSSIERS MEDICAUX ELECTRONIQUES BASES SUR DES DONNEES PROVENANT DE SYSTEMES DE COMMUNICATION VOCALE**
[72] SCHLAPFER, MARTIN, US
[72] SHIVELY, DAVID, US
[71] VOCERA COMMUNICATIONS, INC., US
[85] 2018-02-06
[86] 2016-08-02 (PCT/US2016/045112)
[87] (WO2017/027251)
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[13] A1
[51] **Int.Cl. G01N 33/68 (2006.01) G01N 1/36 (2006.01)**
[25] EN
[54] **PROTEIN RETENTION EXPANSION MICROSCOPY**
[54] **MICROSCOPIE D'EXPANSION DE RETENTION DE PROTEINE**
[72] TILLBERG, PAUL WARREN, US
[72] CHEN, FEI, US
[72] BOYDEN, EDWARD STUART, US
[72] YU, CHIH-CHIEH, US
[71] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US
[85] 2018-02-06
[86] 2016-08-05 (PCT/US2016/045752)
[87] (WO2017/027368)
[30] US (62/202,423) 2015-08-07

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[51] **Int.Cl. C12Q 1/68 (2018.01) G01N 1/36 (2006.01)**
[25] EN
[54] **NANOSCALE IMAGING OF PROTEINS AND NUCLEIC ACIDS VIA EXPANSION MICROSCOPY**
[54] **IMAGERIE A L'ECHELLE NANOMETRIQUE DE PROTEINES ET D'ACIDES NUCLEIQUES PAR MICROSCOPIE D'EXPANSION**
[72] WASSIE, ASMAMAW, US
[72] CHEN, FEI, US
[72] BOYDEN, EDWARD STUART, US
[72] ALON, SHAHAR, US
[71] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US
[85] 2018-02-06
[86] 2016-08-05 (PCT/US2016/045751)
[87] (WO2017/027367)
[30] US (62/202,421) 2015-08-07

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[13] A1
[51] **Int.Cl. C09K 8/42 (2006.01) C01F 11/18 (2006.01)**
[25] EN
[54] **METHODS OF DELIVERING CALCIUM CARBONATE PRODUCING MICROBES OR ENZYMES DOWNHOLE**
[54] **PROCEDES DE LIBERATION DE MICROBES OU D'ENZYMES PRODUISANT DU CARBONATE DE CALCIUM EN FOND DE TROU**
[72] WILSON, MICHAEL B., US
[72] VORDERBRUGGEN, MARK A., US
[72] ARMSTRONG, CHARLES DAVID, US
[71] BAKER HUGHES, A GE COMPANY, LLC, US
[85] 2018-02-06
[86] 2016-08-09 (PCT/US2016/046153)
[87] (WO2017/027508)
[30] US (14/822,234) 2015-08-10

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[51] **Int.Cl. H04W 36/00 (2009.01) H04W 36/22 (2009.01) H04W 40/34 (2009.01) H04W 40/36 (2009.01)**
[25] EN
[54] **DISCOVERY AND SECURITY IN LWA COMMUNICATION**
[54] **DECOUVERTE ET SECURITE DANS UNE COMMUNICATION LWA**
[72] MARTIN, STEVE A., US
[72] TZENG, HENRY H., US
[72] PADALA, SUDHAKAR, US
[72] MOK, RON, US
[72] POTHARAJU, SHAILENDER, US
[72] KERRY, STUART, US
[72] PATEL, SANDIP C., US
[71] RUCKUS WIRELESS, INC., US
[85] 2018-02-06
[86] 2016-08-05 (PCT/US2016/045873)
[87] (WO2017/024262)
[30] US (62/201,843) 2015-08-06
[30] US (14/986,508) 2015-12-31

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[51] **Int.Cl. H01M 8/0254 (2016.01) H01M 8/0273 (2016.01) H01M 8/0286 (2016.01) H01M 8/0276 (2016.01)**
[25] EN
[54] **MULTI-COMPONENT BIPOLAR PLATE FOR AN ELECTROCHEMICAL CELL**
[54] **PLAQUE BIPOLAIRE A MULTIPLES COMPOSANTS POUR UNE CELLULE ELECTROCHIMIQUE**
[72] BEVERAGE, KEVIN, US
[72] DOMIT, ED, US
[72] VAN BOEYEN, ROGER, US
[71] NUVERA FUEL CELLS, LLC, US
[85] 2018-02-06
[86] 2016-08-10 (PCT/US2016/046239)
[87] (WO2017/027536)
[30] US (62/203,414) 2015-08-11

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[51] **Int.Cl. G01C 11/02 (2006.01) G02B 27/64 (2006.01) H04N 5/232 (2006.01)**
[25] EN
[54] **CONTROLLING A LINE OF SIGHT ANGLE OF AN IMAGING PLATFORM**
[54] **COMMANDE D'ANGLE DE LIGNE DE VISEE DE PLATE-FORME D'IMAGERIE**
[72] ROBINSON, M. DIRK, US
[72] DYER, JONATHAN, US
[72] LEVINE, JOSHUA, US
[72] HERMALYN, BRENDAN, US
[72] VOTEL, RONNY, US
[72] MESSANA, MATT WILLIAM, US
[71] PLANET LABS, INC., US
[85] 2018-02-06
[86] 2016-08-08 (PCT/US2016/045990)
[87] (WO2017/027453)
[30] US (62/202,391) 2015-08-07

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[51] **Int.Cl. F16C 17/03 (2006.01) F16C 33/10 (2006.01)**
[25] EN
[54] **ADJUSTABLE OFFSET PIVOT JOURNAL PAD**
[54] **PATIN DE TOURILLON A PIVOTEMENT DECALE REGLABLE**
[72] ROCKEFELLER, DONALD HUGH, US
[72] HART, JOSEPH, US
[71] LUFKIN INDUSTRIES, LLC, US
[85] 2018-02-06
[86] 2016-08-10 (PCT/US2016/046241)
[87] (WO2017/027537)
[30] US (14/822,988) 2015-08-11

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[13] A1
[51] **Int.Cl. C07K 16/00 (2006.01) A61K 35/17 (2015.01) A61P 35/00 (2006.01)**
[25] EN
[54] **TARGETED PROTEIN DEGRADATION TO ATTENUATE ADOPTIVE T-CELL THERAPY ASSOCIATED ADVERSE INFLAMMATORY RESPONSES**
[54] **DEGRADATION DE PROTEINES CIBLEES DESTINEE A ATTENUER UNE THERAPIE PAR TRANSFERT ADOPTIF DE CELLULES T ASSOCIEE DES REPONSES INFLAMMATOIRES INDESIRABLES**
[72] BRADNER, JAMES, US
[72] ROBERTS, JUSTIN, US
[72] NABET, BEHNAM, US
[72] WINTER, GEORG, AT
[72] PHILLIPS, ANDREW J., US
[72] HEFFERNAN, TIMOTHY PAUL, US
[72] BUCKLEY, DENNIS, US
[71] DANA-FARBER CANCER INSTITUTE, INC., US
[85] 2018-02-06
[86] 2016-08-08 (PCT/US2016/046088)
[87] (WO2017/024318)
[30] US (62/202,076) 2015-08-06
[30] US (62/323,591) 2016-04-15
[30] US (62/323,575) 2016-04-15

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[51] **Int.Cl. A23K 40/00 (2016.01) A23K 50/75 (2016.01) A01K 39/01 (2006.01) A61K 9/06 (2006.01) A61K 9/08 (2006.01)**
[25] EN
[54] **HIGH THROUGHPUT PROCESS FOR DELIVERING SEMI-FIRM GEL FOR POULTRY**
[54] **PROCEDE A HAUT RENDEMENT POUR L'ADMINISTRATION DE GEL SEMI-SOLIDE POUR VOLAILLE**
[72] PALMER, JAY, US
[72] DIOLI, PAUL, US
[71] CLEARH2O, INC., US
[85] 2018-02-06
[86] 2016-08-11 (PCT/US2016/046443)
[87] (WO2017/030876)
[30] US (62/205,324) 2015-08-14
[30] US (62/222,345) 2015-09-23

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[13] A1
[51] **Int.Cl. B01J 20/22 (2006.01) A23L 3/3436 (2006.01) B01J 20/28 (2006.01)**
[25] EN
[54] **HUMIDITY CONTROL SYSTEM COMPRISING A HUMECTANT PACKAGE FILLED WITH A HUMECTANT MATERIAL COMPRISING GLYCEROL AND WATER**
[54] **SYSTEME DE REGULATION D'HUMIDITE COMPRENANT UN EMBALLAGE D'HUMIDIFIANT REMPLI D'UN MATERIAU HUMIDIFIANT CONTENANT DU GLYCEROL ET DE L'EAU**
[72] GLORIOSO, SAMMIE JOE, US
[72] BLANKENHORN, BENJAMIN EDWARD, US
[71] DESICCARE, INC., US
[85] 2018-02-06
[86] 2016-08-11 (PCT/US2016/046643)
[87] (WO2017/027756)
[30] US (62/203,788) 2015-08-11
[30] US (62/261,766) 2015-12-01
[30] US (62/261,768) 2015-12-01
[30] US (15/225,771) 2016-08-01
[30] US (15/225,772) 2016-08-01
[30] US (15/225,774) 2016-08-01

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[51] **Int.Cl. A61K 31/407 (2006.01) A61P 25/00 (2006.01)**
[25] EN
[54] **METHODS OF TREATMENT OR PREVENTION OF ACUTE BRAIN OR NERVE INJURIES**
[54] **METHODES DE TRAITEMENT OU DE PREVENTION DE LESIONS AIGUES DU CERVEAU OU DES NERFS**
[72] MACCECCHINI, MARIA, US
[71] QR PHARMA, US
[85] 2018-02-06
[86] 2016-08-12 (PCT/US2016/046794)
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[30] US (62/205,431) 2015-08-14

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[51] **Int.Cl. A61M 5/00 (2006.01) A61M 5/168 (2006.01) A61M 5/172 (2006.01) G01F 1/66 (2006.01) G05D 7/00 (2006.01)**
[25] EN
[54] **FLOW SENSOR SYSTEM WITH CONNECTION ASSEMBLY**
[54] **SYSTEME DE CAPTEUR DE DEBIT AVEC ENSEMBLE DE CONNEXION**
[72] BOCHENKO, WALTER JOHN, US
[71] CRISI MEDICAL SYSTEMS, INC., US
[85] 2018-02-06
[86] 2016-08-25 (PCT/US2016/048724)
[87] (WO2017/040211)
[30] US (62/211,287) 2015-08-28

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[51] **Int.Cl. B01J 37/04 (2006.01) B01J 23/88 (2006.01) B01J 23/888 (2006.01) B01J 29/08 (2006.01) B01J 29/70 (2006.01) B01J 29/80 (2006.01) B01J 35/00 (2006.01) B01J 37/00 (2006.01) B01J 37/02 (2006.01)**
[25] EN
[54] **IMPROVED NOBLE METAL ZEOLITE CATALYST FOR SECOND-STAGE HYDROCRACKING TO MAKE MIDDLE DISTILLATE**
[54] **CATALYSEUR DE ZEOLITE A METAL NOBLE AMELIORE POUR L'HYDROCRAQUAGE DE DEUXIEME ETAGE POUR FABRIQUER UN DISTILLAT INTERMEDIAIRE**
[72] JIA, JIFEI, US
[72] RAINIS, ANDREW, US
[72] MAESEN, THEODORUS LUDOVICUS MICHAEL, US
[72] COSER, RICHARD, US
[72] ZHANG, YIHUA, US
[72] REA, THOMAS MICHAEL, US
[71] CHEVRON U.S.A. INC., US
[85] 2018-02-06
[86] 2016-08-09 (PCT/US2016/046129)
[87] (WO2017/027499)
[30] US (14/823,839) 2015-08-11

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[51] **Int.Cl. B23K 9/09 (2006.01) B23K 9/10 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR PULSE WELDING**
[54] **PROCEDE ET APPAREIL DE SOUDAGE PAR IMPULSIONS**
[72] DAVIDSON, ROBERT, US
[72] SCHUH, RICHARD, US
[72] DURIK, JUSTIN, US
[72] BUNKER, THOMAS, US
[71] ILLINOIS TOOL WORKS INC., US
[85] 2018-02-06
[86] 2016-08-16 (PCT/US2016/047155)
[87] (WO2017/031108)
[30] US (62/206,795) 2015-08-18
[30] US (15/237,308) 2016-08-15

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[13] A1
[51] **Int.Cl. B01J 37/04 (2006.01) B01J 23/88 (2006.01) B01J 23/888 (2006.01) B01J 29/08 (2006.01) B01J 29/70 (2006.01) B01J 29/80 (2006.01) B01J 35/00 (2006.01) B01J 37/00 (2006.01) B01J 37/02 (2006.01)**
[25] EN
[54] **MIDDLE DISTILLATE HYDROCRACKING CATALYST CONTAINING ZEOLITE USY, AND ZEOLITE BETA WITH LOW ACIDITY AND LARGE DOMAIN SIZE**
[54] **CATALYSEUR D'HYDROCRAQUAGE DE DISTILLATS MOYENS CONTENANT DE LA ZEOLITHE USY, ET DE LA ZEOLITE BETA A FAIBLE ACIDITE ET GRANDE TAILLE DE DOMAINE**
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[72] MAESEN, THEODORUS LUDOVICUS MICHAEL, US
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[54] **CATALYSEUR D'HYDROCRAQUAGE DE DISTILLATS MOYENS CONTENANT DE LA ZEOLITE BETA A FAIBLE ACIDITE OD ET GRANDE TAILLE DE DOMAINE**
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[54] **NOVEL CRYSTALLINE FORM OF 3-(6-(1-(2,2-DIFLUOROBENZO [D] [1,3] DIOXOLE-5-YL) CYCLOPROPANECARBOXAMIDO)-3-METHYLPYRIDINE-2-YL) BENZOIC ACID AND PROCESS OF PREPARATION TEHREOF**
[54] **NOUVELLE FORME CRISTALLINE DE L'ACIDE 3-(6-(1-(2,2-DIFLUOROBENZO[D][1,3]DIOXOLE-5-YL)CYCLOPROPANE FORMAMIDO)-3-METHYLPYRIDINE-2-YL)BENZOIQUE ET SON PROCEDE DE PREPARATION**
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[54] **METHODES ET COMPOSITIONS POUR LA TOLERANCE AUX HERBICIDES DES PLANTES**
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[72] READY, WILLIAM JUD, US
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[54] **APPAREIL ET PROCEDES POUR DETERMINER LA GRAVITE ET LA DENSITE DE SOLIDES DANS UN MILIEU LIQUIDE**
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[54] **COMPOSITIONS DE SUPPORT-AGENT DE LIAISON ET LEURS PROCEDES DE FABRICATION ET D'UTILISATION**
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[54] **SYSTEMES POUR DETERMINER ET DISPOSITIFS POUR INDIQUER LA VIE EXPLOITABLE DE COMPOSANTS REMPLACABLES DE CEUX-CI ET PROCEDES ASSOCIES**
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[54] **DEVICE FOR EMULSIFICATION AND CONTROLLED ADDITION OF FLOTATION AGENT**
[54] **DISPOSITIF POUR L'EMULSIFICATION ET L'ADDITION CONTROLEE D'AGENT DE FLOTTATION**
[72] GUI, XIAHUI, CN
[72] XING, YAOWEN, CN
[72] CAO, YIJUN, CN
[72] LI, CHENWEI, CN
[72] YANG, ZILI, CN
[72] WANG, DONGYUE, CN
[71] CHINA UNIVERSITY OF MINING AND TECHNOLOGY, CN
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[54] **COMPOUNDS AND METHODS FOR INHIBITING JAK**
[54] **COMPOSES ET PROCEDES D'INHIBITION DE JAK**
[72] ASTRAND, ANNIKA BIRGITTA MARGARETA, SE
[72] GRIMSTER, NEIL PATRICK, US
[72] KAWATKAR, SAMEER, US
[72] KETTLE, JASON GRANT, GB
[72] NILSSON, MAGNUS K., SE
[72] RUSTON, LINETTE LYS, GB
[72] SU, QIBIN, US
[72] VASBINDER, MELISSA MARIE, US
[72] WINTER-HOLT, JON JAMES, GB
[72] WU, DEDONG, US
[72] YANG, WENZHAN, US
[72] GRECU, TUDOR, GB
[72] MCCABE, JAMES, GB
[72] WOESSNER, RICHARD DONALD, US
[72] CHUAQUI, CLAUDIO EDMUNDO, US
[71] DIZAL (JIANGSU) PHARMACEUTICAL CO., LIMITED, SE
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[25] EN
[54] **TRANSDERMAL DELIVERY OF DOXYLAMINE SUCCINATE AND PYRIDOXINE HYDROCHLORIDE**
[54] **ADMINISTRATION TRANSDERMIQUE DE SUCCINATE DE DOXYLAMINE ET DE CHLORHYDRATE DE PIRIDOXINE**
[72] PLAKOGIANNIS, FOTIOS M., US
[72] MCAFEE, DONALD, US
[72] LATHER, TAMANNA, US
[72] BOROVINSKAYA, MARINA, US
[71] AEQUUS PHARMACEUTICALS INC., CA
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[25] EN
[54] **METHOD FOR AUTOCLAVE-FREE LAMINATION OF A COMPOSITE PANE**
[54] **PROCEDE DE STRATIFICATION SANS AUTOCLAVE D'UNE PLAQUE COMPOSITE**
[72] GIER, STEPHAN, DE
[72] LUCKE, STEFAN, DE
[72] KLUCZEWSKI, WOJCIECH, PL
[71] SAINT-GOBAIN GLASS FRANCE, FR
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[54] **MACHINE PERMETTANT DE TRANSPORTER UN BLINDAGE DANS UN BROYEUR**
[72] BELKE, JEFF, AU
[72] SOUTAR-DAWSON, RORY, AU
[71] OUTOTEC (FINLAND) OY, FI
[85] 2018-02-12
[86] 2016-08-18 (PCT/FI2016/050565)
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[54] **SYSTEME DE DESINFECTION GERMICIDE A LUMIERE ULTRAVIOLETTE**
[72] DUPUIS, ANN ALEXANDER, US
[72] DUPUIS, JOHN, US
[71] ELEVATED HEALTH SYSTEMS, LLC, US
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[54] **METHOD AND APPARATUS FOR THE MANAGEMENT OF A SOIL PEST**
[54] **PROCEDE ET APPAREIL POUR LA GESTION D'ORGANISME NUISIBLE DU SOL**
[72] CRISP, JASON D., US
[72] RIGA, EKATERINI, US
[72] MCCOMB, GORDON J., US
[71] LISI GLOBAL, LLC, US
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[25] EN
[54] **STRUCTURED BODY HAVING LIQUID FILM, AND METHOD FOR PRODUCING THE SAME**
[54] **STRUCTURE AYANT UN FILM LIQUIDE ET SON PROCEDE DE PRODUCTION**
[72] NYUU, KEISUKE, JP
[72] OKADA, YOSHIAKI, JP
[72] MIYAZAKI, TOMOYUKI, JP
[72] ASAKURA, MIKIO, JP
[72] AKUTSU, YOSUKE, JP
[72] IWAMOTO, SHINYA, JP
[71] TOYO SEIKAN CO., LTD., JP
[71] TOYO SEIKAN GROUP HOLDINGS, LTD., JP
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[25] EN
[54] **MULTI-ORIENTED HYDRAULIC FRACTURING MODELS AND METHODS**
[54] **MODELES ET PROCEDES DE FRACTURATION HYDRAULIQUE A ORIENTATIONS MULTIPLES**
[72] SURJAATMADJA, JIM BASUKI, US
[72] LEWIS, BRYAN JOHN, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2018-02-12
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[25] EN
[54] **INDUCTIVE CAVITY SENSORS FOR RESISTIVITY TOOLS**
[54] **CAPTEURS INDUCTIFS A CAVITE POUR OUTILS DE RESISTIVITE ELECTRIQUE**
[72] WILSON, GLENN ANDREW, SG
[72] MA, JIN, SG
[72] PAN, LI, SG
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **APPARATUS FOR MANUFACTURING ABSORBENT BODY**
[54] **APPAREIL DE FABRICATION DE CORPS ABSORBANT**
[72] KAKIMOTO, HIDENOBU, JP
[72] FUJII, KAZUO, JP
[71] SUMITOMO SEIKA CHEMICALS CO., LTD., JP
[85] 2018-02-12
[86] 2016-08-10 (PCT/JP2016/073645)
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[54] **SYSTEMS AND METHODS FOR MONITORING AUTHENTICATION OF TRANSACTIONS TO PAYMENT NETWORKS**
[54] **SYSTEMES ET PROCEDES PERMETTANT DE SURVEILLER L'AUTHENTIFICATION DE TRANSACTIONS AU NIVEAU DE RESEAUX DE PAIEMENT**
[72] HEY, MARK B., US
[72] MALLEPALLY, ANAND, US
[72] BAKER, PAUL, GB
[71] MASTERCARD INTERNATIONAL INCORPORATED, US
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[54] **BOREHOLE TESTING DEVICE**
[54] **DISPOSITIF D'ESSAI DE TROU DE FORAGE**
[72] PISCSALKO, GEORGE R., US
[72] COTTON, DEAN A., US
[72] BERRIS, RICHARD E., JR., US
[72] PIEDIMONTE, TYLER A., US
[71] PILE DYNAMICS, INC., US
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[54] **BACTERIAL AND VIRAL VACCINE STRATEGY**
[54] **STRATEGIE DE VACCINATION BACTERIENNE ET VIRALE**
[72] WAGNER, THOMAS E., US
[71] ORBIS HEALTH SOLUTIONS LLC, US
[85] 2018-02-12
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[25] EN
[54] **ADSORBENTS AND METHODS OF MAKING AND USING ADSORBENTS**
[54] **ADSORBANTS ET PROCEDES DE FABRICATION ET D'UTILISATION D'ADSORBANTS**
[72] VITYUK, ARTEM, US
[72] MAGLIO, ALFONSE, US
[72] DEUTSCH, KEENAN, US
[72] HRATKO, LINDA, US
[71] BASF CORPORATION, US
[85] 2018-02-12
[86] 2016-08-11 (PCT/US2016/046537)
[87] (WO2017/030896)
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[51] **Int.Cl. A61B 3/10 (2006.01) A61B 3/02 (2006.01) A61B 3/032 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR DISPLAYING OBJECTS ON A SCREEN AT A DESIRED VISUAL ANGLE**
[54] **SYSTEMES ET PROCEDES POUR AFFICHAGE D'OBJETS SUR UN ECRAN SELON UN ANGLE DE VISION SOUHAITE**
[72] CARRAFA, JOSEPH, US
[71] JAND, INC., US
[85] 2018-02-12
[86] 2016-08-12 (PCT/US2016/046718)
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[51] **Int.Cl. A61F 13/15 (2006.01)**
[25] EN
[54] **METHOD FOR MANUFACTURING ABSORBENT BODY**
[54] **PROCEDE DE FABRICATION D'UN CORPS ABSORBANT**
[72] YABUGUCHI, HIROKI, JP
[72] KAWAHARA, TORU, JP
[71] SUMITOMO SEIKA CHEMICALS CO., LTD., JP
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[25] EN
[54] **TWO-PIECE TRANSACTION CARD CONSTRUCTION**
[54] **STRUCTURE DE CARTE DE TRANSACTION EN DEUX PARTIES**
[72] STERN, MATTHEW, US
[72] TANIGUCHI, MAKIKO, US
[72] MAKOSKI, DAN, US
[72] YANG, LIN, US
[72] CEPRESS, CARL., US
[72] ANDERSON, AUSTIN, US
[72] DEPERRO, JASON, US
[72] ONG, ELWIN, US
[71] STERN, MATTHEW, US
[71] TANIGUCHI, MAKIKO, US
[71] MAKOSKI, DAN, US
[71] YANG, LIN, US
[71] CEPRESS, CARL., US
[71] ANDERSON, AUSTIN, US
[71] DEPERRO, JASON, US
[71] ONG, ELWIN, US
[85] 2018-02-12
[86] 2016-08-12 (PCT/US2016/046789)
[87] (WO2017/030964)
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[54] **CONTAINER AND METHOD OF FORMING THE SAME**
[54] **CONTENANT ET PROCEDE DE FORMATION DE CELUI-CI**
[72] STRACHAN, MARK, US
[71] FIRST QUALITY PACKAGING SOLUTIONS, LLC, US
[85] 2018-02-12
[86] 2016-08-12 (PCT/US2016/046808)
[87] (WO2017/027817)
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[25] EN
[54] **MEDICAL DEVICE DATA INTEGRATION APPARATUS AND METHODS**
[54] **APPAREIL ET PROCEDES D'INTEGRATION DE DONNEES DE DISPOSITIF MEDICAL**
[72] HANDLER, JONATHAN ALAN, US
[71] BAXTER INTERNATIONAL INC., US
[71] BAXTER HEALTHCARE SA, CH
[85] 2018-02-12
[86] 2016-08-12 (PCT/US2016/046818)
[87] (WO2017/030976)
[30] US (62/205,104) 2015-08-14
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[51] **Int.Cl. C10L 5/44 (2006.01) C10L 5/40 (2006.01)**
[25] EN
[54] **COAL BRIQUETTES AND METHOD FOR MANUFACTURING SAME**
[54] **CHARBON MOULE ET PROCEDE DE FABRICATION ASSOCIE**
[72] KIM, HYUN JONG, KR
[72] KIM, HONG SAN, KR
[72] YI, SANG HO, KR
[72] PARK, SEOK IN, KR
[72] CHOI, MOO EOB, KR
[72] PARK, WOO IL, KR
[72] CHO, MIN YOUNG, KR
[71] POSCO, KR
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[86] 2016-05-25 (PCT/KR2016/005536)
[87] (WO2017/052027)
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[54] **DEVICES AND METHODS FOR PEST CONTROL**
[54] **DISPOSITIFS ET PROCEDES DE LUTTE CONTRE LES PARASITES**
[72] ALBANNA, ROWENA LAMPA, US
[72] FRANDSEN, GREY, US
[72] MATSUURA, BELINKO K., US
[72] MATSUURA, DAVID G., US
[72] LOOS, JEFFREY J., US
[71] OLFACTOR LABORATORIES, INC., US
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[51] **Int.Cl. B21H 3/04 (2006.01)**
[25] EN
[54] **METHOD, MODULE AND APPARATUS FOR ROLL-PROCESSING EXTERNAL PIPE THREAD, AND EXTERNAL PIPE THREAD PRODUCTION LINE**
[54] **PROCEDE, MODULE ET APPAREIL DESTINES A UN TRAITEMENT PAR ROULAGE DE FILET EXTERNE SUR UN TUYAU ET LIGNE DE PRODUCTION DE FILET EXTERNE SUR UN TUYAU**
[72] ZHOU, JUN, CN
[72] ZHANG, YONGLIANG, CN
[72] YANG, JIANMING, CN
[72] YANG, MINJUN, CN
[71] ZHOU, JUN, CN
[85] 2018-02-15
[86] 2016-06-08 (PCT/CN2016/085368)
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[30] CN (201510317107.3) 2015-06-10
[30] CN (201510829695.9) 2015-11-25

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[51] **Int.Cl. C12P 19/34 (2006.01) C12Q 1/68 (2018.01) C40B 40/06 (2006.01) C40B 50/06 (2006.01)**
[25] EN
[54] **METHOD OF PREPARING CELL FREE NUCLEIC ACID MOLECULES BY IN SITU AMPLIFICATION**
[54] **PROCEDE DE PREPARATION DE MOLECULES D'ACIDE NUCLEIQUE SANS CELLULE PAR AMPLIFICATION IN SITU**
[72] YEH, CHEN-HSIUNG, US
[71] CIRCULOGENE THERANOSTICS, LLC, US
[85] 2018-02-12
[86] 2016-08-12 (PCT/US2016/046875)
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[25] EN
[54] **RESULT-DRIVEN RADIATION THERAPY TREATMENT PLANNING**
[54] **PLANIFICATION DE TRAITEMENT DE RADIOTHERAPIE PILOTEE PAR LES RESULTATS**
[72] CARPENTER, COLIN MOREHOUSE, US
[72] PATTISON, ADAM J., US
[71] SIRIS MEDICAL, INC., US
[85] 2018-02-12
[86] 2016-08-15 (PCT/US2016/047041)
[87] (WO2017/027879)
[30] US (62/204,470) 2015-08-13

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[51] **Int.Cl. G01N 1/38 (2006.01) B03B 5/62 (2006.01) C12Q 1/00 (2006.01) G01N 1/40 (2006.01) G01N 30/04 (2006.01) G01N 30/46 (2006.01) G01N 30/60 (2006.01)**
[25] EN
[54] **A MICROFLUIDIC HYDRODYNAMIC SHUTTLING CHIP DEVICE FOR HIGHTHROUGHPUT MULTIPLE SINGLE CELLS CAPTURE**
[54] **DISPOSITIF DE PUCE DE TRANSPORT HYDRODYNAMIQUE MICROFLUIDIQUE POUR LA CAPTURE DE MULTIPLES CELLULES SIMPLES A HAUT DEBIT**
[72] HSU, CHIA-HSIEN, TW
[71] NATIONAL HEALTH RESEARCH INSTITUTES, TW
[85] 2018-02-12
[86] 2016-08-13 (PCT/US2016/046944)
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[30] US (62/206,775) 2015-08-18

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[51] **Int.Cl. H01J 49/00 (2006.01) B01D 59/44 (2006.01) H01J 49/30 (2006.01) H01J 49/40 (2006.01)**
[25] EN
[54] **NOVEL METHODS OF EVALUATING PERFORMANCE OF AN ATMOSPHERIC PRESSURE IONIZATION SYSTEM**
[54] **NOUVEAUX PROCEDES D'EVALUATION DES PERFORMANCES D'UN SYSTEME D'IONISATION A PRESSION ATMOSPHERIQUE**
[72] KING, RICHARD C., III, US
[72] METZLER, WILLIAM J., IV, US
[71] PHARMACADENCE ANALYTICAL SERVICES, LLC, US
[85] 2018-02-12
[86] 2016-08-19 (PCT/US2016/047749)
[87] (WO2017/034972)
[30] US (62/208,119) 2015-08-21
[30] US (62/255,105) 2015-11-13
[30] US (62/293,634) 2016-02-10

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[54] **PEPTIDES BINDING TO BFL-1**
[54] **PEPTIDES SE LIANT A BFL -1**
[72] WALENSKY, LOREN D., US
[72] BIRD, GREGORY H., US
[71] DANA-FARBER CANCER INSTITUTE, INC., US
[85] 2018-02-12
[86] 2016-08-26 (PCT/US2016/049095)
[87] (WO2017/040329)
[30] US (62/211,680) 2015-08-28

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[51] **Int.Cl. C11D 3/32 (2006.01) C11D 17/04 (2006.01)**
[25] EN
[54] **UNIT DOSE ARTICLES COMPRISING AVERSIVE AGENTS AND METHODS RELATED THERETO**
[54] **ARTICLES EN DOSE UNITAIRE COMPRENANT DES AGENTS AVERSIFS ET PROCEDES ASSOCIES**
[72] SOUTER, PHILIP FRANK, GB
[72] LABEQUE, REGINE, BE
[72] CUMMING, DAVID XAVANTE, BE
[72] COURCHAY, FLORENCE CATHERINE, BE
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2018-02-12
[86] 2016-08-31 (PCT/US2016/049539)
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[51] **Int.Cl. C11D 3/43 (2006.01) B65D 65/46 (2006.01) C11D 17/04 (2006.01)**
[25] EN
[54] **FILMS, COMPOSITIONS, AND ARTICLES HAVING AT LEAST TWO DIFFERENT AVERSIVE AGENTS AND METHODS RELATED THERETO**
[54] **FILMS, COMPOSITIONS ET ARTICLES PRESENTANT AU MOINS DEUX AGENTS AVERSIFS DIFFERENTS ET PROCEDES ASSOCIES**
[72] CUMMING, DAVID XAVANTE, BE
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2018-02-12
[86] 2016-08-31 (PCT/US2016/049541)
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[30] EP (15183851.3) 2015-09-04

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[51] **Int.Cl. A61B 1/06 (2006.01)**
[25] EN
[54] **ENDOSCOPIC SURGICAL DEVICES AND OTHER SURGICAL DEVICES**
[54] **DISPOSITIFS CHIRURGICAUX ENDOSCOPIQUES ET D'AUTRES DISPOSITIFS CHIRURGICAUX**
[72] KELLER, DOUGLAS, US
[72] VAUGHN, SHANNON, US
[71] MICROAIRE SURGICAL INSTRUMENTS, LLC., US
[85] 2018-02-12
[86] 2016-08-25 (PCT/US2016/048622)
[87] (WO2017/040192)
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[25] EN
[54] **WATER SOLUBLE UNIT DOSE ARTICLE COMPRISING AN AVERSIVE AGENT**
[54] **ARTICLE EN DOSE UNITAIRE SOLUBLE DANS L'EAU COMPRENANT UN AGENT AVERSIF**
[72] BRANDT-SANZ, MIGUEL, BE
[72] COURCHAY, FLORENCE CATHERINE, BE
[72] CUMMING, DAVID XAVANTE, BE
[72] LABEQUE, REGINE, BE
[72] SOUTER, PHILIP FRANK, GB
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2018-02-12
[86] 2016-08-31 (PCT/US2016/049543)
[87] (WO2017/040558)
[30] EP (15183840.6) 2015-09-04
[30] EP (16175442.9) 2016-06-21

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[51] **Int.Cl. C11D 3/37 (2006.01) C11D 11/00 (2006.01) C11D 17/04 (2006.01)**
[25] EN
[54] **WATER SOLUBLE UNIT DOSE ARTICLE COMPRISING AN AVERSIVE AGENT**
[54] **ARTICLE DE TYPE DOSE UNITAIRE SOLUBLE DANS L'EAU COMPRENANT UN AGENT AVERSIF**
[72] BRANDT-SANZ, MIGUEL, BE
[72] COURCHAY, FLORENCE CATHERINE, BE
[72] CUMMING, DAVID XAVANTE, BE
[72] LABEQUE, REGINE, BE
[72] SOUTER, PHILIP FRANK, GB
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2018-02-12
[86] 2016-08-31 (PCT/US2016/049542)
[87] (WO2017/040557)
[30] EP (15183838.0) 2015-09-04

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[51] **Int.Cl. C11D 3/37 (2006.01) C11D 11/00 (2006.01) C11D 17/04 (2006.01)**
[25] EN
[54] **FILMS AND UNIT DOSE ARTICLES COMPRISING AVERSIVE AGENTS, AND USES AND METHODS RELATED THERETO**
[54] **FILMS ET ARTICLES DE TYPE DOSE UNITAIRE COMPRENANT DES AGENTS AVERSIFS, ET UTILISATIONS ET PROCEDES ASSOCIES**
[72] LABEQUE, REGINE, BE
[72] SOUTER, PHILIP FRANK, GB
[72] BRANDT-SANZ, MIGUEL, BE
[72] CUMMING, DAVID XAVANTE, BE
[72] COURCHAY, FLORENCE CATHERINE, BE
[72] DEDEYAN, ARAM ARMAND, GB
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2018-02-12
[86] 2016-08-31 (PCT/US2016/049544)
[87] (WO2017/040559)
[30] EP (15183841.4) 2015-09-04

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[13] A1
[51] **Int.Cl. G06Q 20/38 (2012.01) G06F 17/30 (2006.01)**
[25] EN
[54] **A COMPUTER IMPLEMENTED METHOD FOR PROCESSING A FINANCIAL TRANSACTION AND A SYSTEM THEREFOR**
[54] **PROCEDE IMPLEMENTE PAR ORDINATEUR DESTINE A TRAITER UNE TRANSACTION FINANCIERE ET SYSTEME ASSOCIE**
[72] ARMSTRONG, NICK, AU
[72] BUCKINGHAM, BEN, AU
[72] FRIEDMAN, DANIEL, AU
[72] SHEPHERD, ELLIOT, AU
[72] KNIGHT, ERIC, AU
[71] IDENTITII PTY LTD, AU
[85] 2018-02-13
[86] 2016-08-12 (PCT/AU2016/000279)
[87] (WO2017/027900)
[30] AU (2015903292) 2015-08-14
[30] AU (2016900239) 2016-01-27
[30] AU (2016901924) 2016-05-20

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[51] **Int.Cl. B60T 15/02 (2006.01) B60T 11/10 (2006.01) B61H 13/34 (2006.01)**
[25] EN
[54] **BRAKE CYLINDER MAINTAINING VALVE**
[54] **VANNE DE MAINTIEN DE CYLINDRE DE FREIN**
[72] GAUGHAN, EDWARD W., US
[72] POTTER, WILLIAM JOHN, US
[71] WESTINGHOUSE AIR BRAKE TECHNOLOGIES CORPORATION, US
[85] 2018-02-12
[86] 2017-03-07 (PCT/US2017/021072)
[87] (WO2017/155934)
[30] US (62/304,595) 2016-03-07

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[51] **Int.Cl. G01N 21/64 (2006.01)**
[25] EN
[54] **FLUORESCENT PROBES TO ASSESS STANNOUS CONTAINING ORAL CARE PRODUCTS**
[54] **SONDES FLUORESCENTES POUR EVALUER DES PRODUITS D'HYGIENE BUCCALE CONTENANT DES COMPOSES STANNEUX**
[72] SHI, YUNMING, CN
[72] STRAND, ROSS, SG
[72] CHANG, JINLAN, CN
[72] HE, TAO, US
[72] WHITE, DONALD JAMES, JR., US
[72] HE, YANYAN, CN
[72] BARKER, MATTHEW LLOYD, US
[72] DONG, WEILI, CN
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[13] A1
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[25] EN
[54] **STRINGER FOR DECKING**
[54] **LISSE POUR TABLIER**
[72] ANIC, MIRO, US
[71] SARGEN, JEFFREY, US
[85] 2018-02-12
[86] 2016-09-15 (PCT/US2016/051812)
[87] (WO2017/053158)
[30] US (14/860,828) 2015-09-22

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[13] A1
[51] **Int.Cl. A61F 2/42 (2006.01) A61F 2/30 (2006.01)**
[25] EN
[54] **A JOINT PROSTHESIS**
[54] **PROTHESE ARTICULAIRE**
[72] JEFFERY, CHRIS ARNOLD, AU
[71] FIELD ORTHOPAEDICS PTY LTD, AU
[85] 2018-02-13
[86] 2016-08-13 (PCT/AU2016/000276)
[87] (WO2017/024336)
[30] AU (2015903255) 2015-08-13

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[13] A1
[51] **Int.Cl. H04B 1/69 (2011.01) H04B 1/7097 (2011.01)**
[25] EN
[54] **A DIFFERENTIAL CHAOS SHIFT KEYING (DCSK) BASED ON HYBRID CHAOTIC SYSTEM**
[54] **PROCEDE DE COMMUNICATION A MODULATION PAR DEPLACEMENT DE CHAOS DIFFERENTIELLE BASE SUR UN SYSTEME HYBRIDE**
[72] REN, HAIPENG, CN
[71] XI'AN UNIVERSITY OF TECHNOLOGY, CN
[85] 2018-02-13
[86] 2016-03-09 (PCT/CN2016/075967)
[87] (WO2017/107316)
[30] CN (201510975418.9) 2015-12-23

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[13] A1
[51] **Int.Cl. A43B 21/36 (2006.01)**
[25] EN
[54] **COMBINATION SHOE THAT CAN BE TRANSFORMED INTO A SHOE WITH DIFFERENT HEEL HEIGHTS**
[54] **CHAUSSURE MIXTE TRANSFORMABLE EN CHAUSSURE A DIFFERENTES HAUTEURS DE TALON**
[72] ALAN, BRAD, US
[72] ALAN, ELIZABETH, US
[71] ALAN, BRAD, US
[71] ALAN, ELIZABETH, US
[85] 2018-02-12
[86] 2016-08-12 (PCT/US2016/046772)
[87] (WO2017/027804)
[30] US (62/282,824) 2015-08-13
[30] US (14/991,490) 2016-01-08

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[13] A1
[51] **Int.Cl. D21G 1/02 (2006.01) C08J 5/04 (2006.01) C08L 75/04 (2006.01)**
[25] EN
[54] **POLYURETHANE ROLL COVER FOR CALENDER ROLL FOR PAPERMAKING MACHINE**
[54] **REVETEMENT DE ROULEAU EN POLYURETHANE POUR ROULEAU DE CALANDRE POUR MACHINE A PAPIER**
[72] XU, JUN, US
[72] HILL, CHRISTOPHER, US
[72] TYSON, CHRISTOPHER, US
[72] HUNTER, CHARLES, US
[71] STOWE WOODWARD LICENSCO, LLC, US
[85] 2018-02-12
[86] 2016-11-01 (PCT/US2016/059815)
[87] (WO2017/087152)
[30] US (62/256,312) 2015-11-17

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[51] **Int.Cl. A23L 5/10 (2016.01) A47J 37/12 (2006.01) G01N 27/06 (2006.01) G01N 33/03 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR SENSING OIL QUALITY**
[54] **SYSTEME ET PROCEDE DE DETECTION DE QUALITE D'HUILE**
[72] LAMBERT, NATHANIEL A., US
[72] MCGHEE, OWEN R., US
[72] FECTEAU, MICHAEL T., US
[72] FINNIE, JASON D., US
[72] PERKINS, JARED C., US
[71] PITCO FRIALATOR, INC., US
[85] 2018-02-12
[86] 2016-11-15 (PCT/US2016/061982)
[87] (WO2017/087361)
[30] US (14/942,497) 2015-11-16

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[13] A1
[51] **Int.Cl. H04N 19/56 (2014.01)**
[25] EN
[54] **METHOD AND APPARATUS OF DECODER SIDE MOTION DERIVATION FOR VIDEO CODING**
[54] **PROCEDE ET APPAREIL DE DERIVATION DE MOUVEMENT SUR LE COTE DECODEUR POUR UN CODAGE VIDEO**
[72] CHUANG, TZU-DER, CN
[72] CHEN, CHING-YEH, CN
[72] HSU, CHIH-WEI, CN
[72] HUANG, YU-WEN, CN
[72] LIN, JIAN-LIANG, CN
[72] SUN, YU-CHEN, CN
[72] SHEN, YI-TING, CN
[71] MEDIATEK INC., CN
[85] 2018-02-13
[86] 2016-09-02 (PCT/CN2016/097853)
[87] (WO2017/036414)
[30] US (62/213,257) 2015-09-02

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[13] A1
[51] **Int.Cl. E21B 17/04 (2006.01) E21B 47/13 (2012.01) E21B 17/042 (2006.01) H01B 3/12 (2006.01) H01B 17/38 (2006.01)**
[25] EN
[54] **TORSION RESISTANT GAP SUB**
[54] **RACCORD D'ESPACE RESISTANT A LA TORSION**
[72] STACK, LUKE A., CA
[72] LOGAN, AARON W., CA
[72] LOGAN, JUSTIN C., CA
[72] KAZEMI MIRAKI, MOJTABA, CA
[72] DERKACZ, PATRICK R., CA
[72] LEE, GAVIN GAW-WAE, CA
[72] HEPGUVENDIK, HASAN ALPER, CA
[72] AHMOYE, DANIEL W., CA
[72] FRANCOEUR, ANGELICA J.B., CA
[71] EVOLUTION ENGINEERING INC., CA
[85] 2018-02-13
[86] 2016-08-12 (PCT/CA2016/050955)
[87] (WO2017/027966)
[30] US (62/205,549) 2015-08-14

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[13] A1
[51] **Int.Cl. H04W 12/06 (2009.01)**
[25] EN
[54] **MESSAGE PROTECTION METHOD, AND RELATED DEVICE, AND SYSTEM**
[54] **METHODE DE PROTECTION DE MESSAGE, APPAREIL ASSOCIE, ET SYSTEME**
[72] YING, JIANGWEI, CN
[72] ZHANG, LIJIA, CN
[72] CHEN, JING, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2018-02-13
[86] 2015-08-13 (PCT/CN2015/086836)
[87] (WO2017/024579)

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[13] A1
[51] **Int.Cl. A61B 3/10 (2006.01) A61B 3/16 (2006.01) A61F 9/007 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR LASER AUTOMATED TRABECULAR EXCISION**
[54] **PROCEDE ET SYSTEME POUR L'EXCISION TRABECULAIRE AUTOMATISEE PAR LASER**
[72] GOOI, PATRICK, CA
[72] WARRIAN, KEVIN, CA
[72] WARRIAN, KEVIN, CA
[71] GOOI, PATRICK, CA
[71] WARRIAN, KEVIN, CA
[85] 2018-02-13
[86] 2016-08-26 (PCT/CA2016/000219)
[87] (WO2017/031570)
[30] US (62/210,948) 2015-08-27

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[13] A1
[51] **Int.Cl. A61L 24/10 (2006.01) A61K 9/08 (2006.01) A61K 38/39 (2006.01) A61L 31/10 (2006.01)**
[25] EN
[54] **MAP PRODUCT AND USE THEREOF FOR INHIBITING MUCOSAL INFLAMMATIONS**
[54] **PRODUIT DE MAP ET UTILISATION ASSOCIEE EN VUE D'INHIBER LES INFLAMMATIONS MUCOSALES**
[72] GAO, MIN, CN
[72] SAMUELSSON, BENGT INGEMAR, SE
[71] BENGT I. SAMUELSSON INSTITUTE OF LIFE SCIENCE RESEARCH, CN
[85] 2018-02-13
[86] 2016-08-15 (PCT/CN2016/095364)
[87] (WO2017/028777)
[30] CN (PCT/CN2015/087011) 2015-08-14

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[13] A1
[51] **Int.Cl. A61B 5/00 (2006.01) A61B 5/0205 (2006.01) A61B 5/021 (2006.01) A61B 5/0402 (2006.01) A61H 99/00 (2006.01) A61N 1/39 (2006.01)**
[25] EN
[54] **MEDICAL APPARATUS INCORPORATING A SYSTEM FOR PERFORMING REMOTE ISCHEMIC CONDITIONING**
[54] **APPAREIL MEDICAL COMPRENANT UN SYSTEME POUR EFFECTUER UN CONDITIONNEMENT ISCHEMIQUE A DISTANCE**
[72] GANSKE, ROCKY EUGENE, CA
[72] GIL, LAHAV, CA
[72] ROYTBLAT, IGAL, CA
[71] CELLAEGIS DEVICES INC., CA
[85] 2018-02-13
[86] 2015-08-20 (PCT/IB2015/001856)
[87] (WO2016/027165)
[30] US (62/040,669) 2014-08-22

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[13] A1
[51] **Int.Cl. C07D 491/044 (2006.01) A61K 31/501 (2006.01) A61K 31/5377 (2006.01) A61P 25/04 (2006.01) A61P 25/18 (2006.01) A61P 25/28 (2006.01) A61P 29/00 (2006.01)**
[25] EN
[54] **TETRAHYDROOXEPINOPYRIDINE COMPOUND**
[54] **COMPOSE TETRAHYDROOXEPINOPYRIDINE**
[72] KOGANEMARU, YOHEI, JP
[72] MIYAMOTO, SATOSHI, JP
[72] NAGASHIMA, SHINYA, JP
[72] KAMIKAWA, AKIO, JP
[72] YONEZAWA, KOICHI, JP
[72] KOIZUMI, YUKA, JP
[72] AOKI, SATOSHI, JP
[72] OGIYAMA, TAKASHI, JP
[72] KAWAKAMI, SHIMPEI, JP
[72] KUNIKAWA, SHIGEKI, JP
[72] SATO, RYO, JP
[72] SHISHIKURA, JUNICHI, JP
[72] KAKIMOTO, SHUICHIROU, JP
[72] YAMADA, HIROSHI, JP
[72] TAMAKI, KEISUKE, JP
[71] ASTELLAS PHARMA INC., JP
[85] 2018-02-13
[86] 2016-08-18 (PCT/JP2016/074145)
[87] (WO2017/030171)
[30] JP (2015-162320) 2015-08-19

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[13] A1
[51] **Int.Cl. A63H 11/00 (2006.01) A63H 13/04 (2006.01) A63H 17/00 (2006.01) A63H 17/26 (2006.01) A63H 30/04 (2006.01) B25J 5/00 (2006.01) B25J 19/00 (2006.01)**
[25] EN
[54] **ROBOT**
[54] **ROBOT**
[72] KOU, SHIKI, JP
[72] MIYAZAKI, RYOUTA, JP
[72] ISHII, MASAHIRO, JP
[72] OGAWA, KENTO, JP
[72] KUNITAKE, YUJI, JP
[72] HIGUCHI, SEIYA, JP
[71] PANASONIC INTELLECTUAL PROPERTY MANAGEMENT CO., LTD., JP
[85] 2018-02-13
[86] 2017-05-09 (PCT/JP2017/017439)
[87] (WO2017/199783)
[30] JP (2016-100090) 2016-05-19

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[13] A1
[51] **Int.Cl. A63H 11/00 (2006.01) B25J 11/00 (2006.01)**
[25] EN
[54] **ROBOT**
[54] **ROBOT**
[72] KOU, SHIKI, JP
[72] MIYAZAKI, RYOUTA, JP
[72] ISHII, MASAHIRO, JP
[72] OGAWA, KENTO, JP
[72] KUNITAKE, YUJI, JP
[72] HIGUCHI, SEIYA, JP
[71] PANASONIC INTELLECTUAL PROPERTY MANAGEMENT CO., LTD., JP
[85] 2018-02-13
[86] 2017-05-25 (PCT/JP2017/019458)
[87] (WO2017/208948)
[30] JP (2016-108054) 2016-05-31

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[13] A1
[51] **Int.Cl. B01D 53/14 (2006.01)**
[25] EN
[54] **A METHOD FOR SEPARATING HYDROGEN SULPHIDE FROM EFFLUENT GAS**
[54] **PROCEDE POUR SEPARER DU SULFURE D'HYDROGENE D'EFFLUENT GAZEUX**
[72] BIN MOHD AMIN, ABDUL MALEK, MY
[72] BIN MD ISA, MOHD AZLAN, MY
[72] BIN ABDUL AZIZ, KHAIRUL, MY
[71] SAPURA EXPLORATION AND PRODUCTION (SARAWAK) INC., MY
[85] 2018-02-13
[86] 2016-01-28 (PCT/MY2016/050006)
[87] (WO2017/018872)
[30] MY (PI2015702418) 2015-07-24

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[13] A1
[51] **Int.Cl. H04L 12/24 (2006.01) H04L 12/26 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR MANAGING NETWORK HEALTH**
[54] **SYSTEMES ET PROCEDES DE GESTION DE LA SANTE D'UN RESEAU**
[72] HOBBS, ORVILLE J., US
[72] LOCKWOOD, CHARLES A., US
[72] MELLECKER, SCOTT C., US
[71] LEVEL 3 COMMUNICATIONS, LLC, US
[85] 2018-02-13
[86] 2016-06-27 (PCT/US2016/039527)
[87] (WO2017/027108)
[30] US (14/825,676) 2015-08-13

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[13] A1
[51] **Int.Cl. A61K 31/198 (2006.01) A61P 33/04 (2006.01) A23K 20/142 (2016.01) A23K 20/158 (2016.01) A23K 20/174 (2016.01) A23K 50/80 (2016.01)**
[25] EN
[54] **COMPOSITION FOR TREATMENT OF MUCUS ON FISH GILLS**
[54] **COMPOSITION POUR LE TRAITEMENT DE MUCUS SUR DES BRANCHIES DE POISSON**
[72] MCGURK, CHARLES, NO
[72] MULLINS, JULIA ELIZABETH, NO
[72] RON, OYVIND, NO
[71] NUTRECO IP ASSETS B.V., NL
[85] 2018-02-13
[86] 2016-08-01 (PCT/NO2016/050164)
[87] (WO2017/030443)
[30] NO (20151028) 2015-08-14

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[13] A1
[51] **Int.Cl. B66B 1/34 (2006.01) B66B 19/00 (2006.01)**
[25] EN
[54] **ELEVATOR ARRANGEMENT ADAPTED FOR DETERMINING POSITIONS OF FIXTURES AT VARIOUS FLOORS BASED ON SOUND MEASUREMENTS**
[54] **AGENCEMENT D'ASCENSEUR CONCU POUR DETERMINER DES POSITIONS D'ACCESSOIRES A DIVERS ETAGES SUR LA BASE DE MESURES DE SON**
[72] MOELLER, CHRISTOPH, CH
[71] INVENTIO AG, CH
[85] 2018-02-13
[86] 2016-09-23 (PCT/EP2016/072635)
[87] (WO2017/055176)
[30] EP (15187111.8) 2015-09-28

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[13] A1
[51] **Int.Cl. B66B 1/34 (2006.01) B66B 19/00 (2006.01)**
[25] EN
[54] **ELEVATOR ARRANGEMENT ADAPTED FOR SOUND-BASED DETERMINING OF POSITIONS OF FIXTURES AT VARIOUS FLOORS**
[54] **AGENCEMENT D'ASCENSEUR ADAPTE POUR LA DETERMINATION A BASE DE SON DE POSITIONS DE FIXATIONS A DIFFERENTS ETAGES**
[72] PATEL, VIMAL, US
[72] GREMAUD, NICOLAS, CH
[71] INVENTIO AG, CH
[85] 2018-02-13
[86] 2016-09-23 (PCT/EP2016/072640)
[87] (WO2017/055177)
[30] EP (15187122.5) 2015-09-28

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[13] A1
[51] **Int.Cl. H04L 12/26 (2006.01) G06F 11/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR MANAGING NETWORK HEALTH**
[54] **SYSTEMES ET PROCEDES DE GESTION DE LA SANTE D'UN RESEAU**
[72] HOBBS, ORVILLE J., US
[72] LOCKWOOD, CHARLES A., US
[72] MELLECKER, SCOTT C., US
[71] LEVEL 3 COMMUNICATIONS, LLC, US
[85] 2018-02-13
[86] 2016-06-27 (PCT/US2016/039628)
[87] (WO2017/027110)
[30] US (14/825,730) 2015-08-13

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[13] A1
[51] **Int.Cl. F16L 23/00 (2006.01) F16L 23/032 (2006.01) F16L 23/16 (2006.01) F16L 23/18 (2006.01) F16L 23/22 (2006.01)**
[25] EN
[54] **PIPE JOINT FOR PLASTIC PIPES**
[54] **RACCORD DE TUYAUX POUR TUYAUX EN PLASTIQUE**
[72] CORMIER, TIMOTHY J., US
[72] ZEPP, WILLIAM L., US
[72] SANDERS, DARRELL J., US
[71] CONTECH ENGINEERED SOLUTIONS LLC, US
[85] 2018-02-13
[86] 2016-08-10 (PCT/US2016/046244)
[87] (WO2017/027539)
[30] US (62/204,623) 2015-08-13

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[13] A1
[51] **Int.Cl. C07K 14/415 (2006.01) A01H 5/00 (2018.01) C12N 15/63 (2006.01) C12N 15/82 (2006.01)**
[25] EN
[54] **PLANT PROMOTER AND 3' UTR FOR TRANSGENE EXPRESSION**
[54] **PROMOTEUR ET 3'UTR DE PLANTE POUR L'EXPRESSION D'UN TRANSGENE**
[72] GONZALEZ, DELKIN ORLANDO, US
[72] SOPKO, MEGAN, US
[72] CHURCH, JEFFREY, US
[72] CONNELL, JAMES PATRICK, US
[72] WOODALL, KRISTINA M., US
[72] MANN, DAVID, US
[71] DOW AGROSCIENCES LLC, US
[85] 2018-02-13
[86] 2016-08-10 (PCT/US2016/046306)
[87] (WO2017/030864)
[30] US (62/205,756) 2015-08-17

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[13] A1
[51] **Int.Cl. C12N 15/87 (2006.01) A01H 5/00 (2018.01) C12N 5/04 (2006.01) C12N 15/82 (2006.01)**
[25] EN
[54] **INCREASING PLANT OIL CONTENT BY ALTERING A NEGATIVE REGULATOR OF ACETYL-COA CARBOXYLASE**
[54] **AUGMENTATION DE LA TENEUR EN HUILE DE PLANTES PAR MODIFICATION D'UN REGULATEUR NEGATIF DE L'ACETYL-COA CARBOXYLASE**
[72] THELEN, JAY, US
[72] SALIE, MATTHEW, US
[71] THE CURATORS OF THE UNIVERSITY OF MISSOURI, US
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[54] **PERSONALIZED TREATMENT OF DISEASES AND DISORDERS**
[54] **TRAITEMENT PERSONNALISE DE MALADIES ET DE TROUBLES**
[72] SIDRANSKY, DAVID, US
[72] PAZ, KEREN, US
[71] CHAMPIONS ONCOLOGY, INC., US
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[54] **SYSTEMS FOR AND METHODS FOR USING BIOMIMETIC STRUCTURES PROVIDING COMMUNICATION IN LIVING TISSUE**
[54] **SYSTEMES ET PROCEDES POUR UTILISER DES STRUCTURES BIOMIMETIQUES PERMETTANT UNE COMMUNICATION DANS UN TISSU VIVANT**
[72] VACANTI, JOSEPH P., US
[71] THE GENERAL HOSPITAL CORPORATION, US
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[25] EN
[54] **APPARATUS AND METHOD FOR REDUCING INTRAOCULAR PRESSURE**
[54] **APPAREIL ET PROCEDE PERMETTANT DE REDUIRE LA TENSION INTRAOCULAIRE**
[72] CAMRAS, LUCINDA J., US
[72] YPMA, ROLF ERIK, US
[71] CAMRAS VISION INC., US
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[25] EN
[54] **COMPOSITIONS AND METHODS FOR TREATING GRAFT VERSUS HOST DISEASE**
[54] **COMPOSITIONS ET METHODES POUR TRAITER LA REACTION DU GREFFON CONTRE L'HOTE**
[72] LIU, YANG, US
[72] WANG, YIN, US
[71] CHILDREN'S RESEARCH INSTITUTE, CHILDREN'S NATIONAL MEDICAL CENTER, US
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[54] **HOT WATER RECYCLE FOR PARAFFIN CLEANOUT**
[54] **RECYCLAGE D'EAU CHAUDE POUR ELIMINATION DE LA PARAFFINE**
[72] WILSON, DENNIS RAY, US
[71] CONOCOPHILLIPS COMPANY, US
[85] 2018-02-13
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[25] EN
[54] **MIDSOLE, SOLE ASSEMBLY AND FOOTWEAR FOR WALKING AND RUNNING**
[54] **SEMELLE INTERMEDIAIRE, ENSEMBLE SEMELLE ET CHAUSSURE POUR LA MARCHE ET LA COURSE A PIED**
[72] JACKINSKY, CARMEN, US
[71] JACKINSKY, CARMEN, US
[71] RESHOD WALKING SHOES, LLC, US
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[25] EN
[54] **COMBINATION THERAPIES TARGETING MITOCHONDRIAL BIOGENESIS FOR CANCER THERAPY**
[54] **TRAITEMENT COMBINE CIBLANT UNE BIOGENESE MITOCHONDRIALE POUR UNE THERAPIE ANTICANCEREUSE**
[72] ZHANG, GAO, US
[72] LIU, QIN, US
[72] ALTIERI, DARIO CARLO, US
[72] HERLYN, MEENHARD, US
[71] THE WISTAR INSTITUTE OF ANATOMY AND BIOLOGY, US
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[25] EN
[54] **ENHANCING COMPLEX FRACTURE GEOMETRY IN SUBTERRANEAN FORMATIONS, SEQUENCE TRANSPORT OF PARTICULATES**
[54] **AMELIORATION DE RESEAUX DE FRACTURES COMPLEXES DANS DES FORMATIONS SOUTERRAINES, TRANSPORT SEQUENTIEL DE MATERIAUX PARTICULAIRES**
[72] NGUYEN, PHILIP D., US
[72] LAHMAN, MATTHEW LEWIS, US
[72] HAMPTON, JESSE CLAY, US
[72] MARTYSEVICH, VLADIMIR NIKOLAYEVICH, US
[72] PERSAC, STEPHEN BYRNE, US
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[25] EN
[54] **CAPTURE OF DRILLING FLUID RETURNS**
[54] **CAPTURE DES RETOURS DE FLUIDE DE FORAGE**
[72] BLAINE, FRED, AU
[72] BEACH, ANDREW, AU
[72] REILLY, JAMES BARRY, AU
[71] DEEP EXPLORATION TECHNOLOGIES CRC LIMITED, AU
[85] 2018-02-14
[86] 2016-08-12 (PCT/AU2016/000282)
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[25] EN
[54] **METHOD FOR PRODUCTION OF A COMPOSITE MATERIAL USING EXCESS OXIDANT**
[54] **PROCEDE POUR LA PRODUCTION D'UN MATERIAU COMPOSITE A L'AIDE D'UN OXYDANT EXCEDENTAIRE**
[72] JEWELL, DANIEL, AU
[72] DUXSON, PETER, AU
[72] DOBLIN, CHRISTIAN, AU
[71] COOGEE TITANIUM PTY LTD, AU
[85] 2018-02-14
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[25] EN
[54] **CARRIER GRADE ETHERNET LAYER 2 OVER LAYER 3 SATELLITE BACKBONES (L2OL3SB)**
[54] **RESEAUX FEDERATEURS DE SATELLITE ETHERNET DE COUCHE 2 SUR COUCHE 3 (L2OL3SB) DE QUALITE PORTEUSE**
[72] ROY, SATYAJIT, US
[72] CHOQUETTE, GEORGE, US
[72] GHARPURAY, ARCHANA, US
[71] HUGHES NETWORK SYSTEMS, LLC, US
[85] 2018-02-13
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[25] EN
[54] **AN APPARATUS FOR ON-LINE DETECTION OF MAGNETIC RESONANCE SIGNALS FROM A TARGET MATERIAL IN A MINERAL SLURRY**
[54] **APPAREIL POUR DETECTION EN LIGNE DE SIGNAUX DE RESONANCE MAGNETIQUE PROVENANT D'UN MATERIAU CIBLE DANS UNE BOUE MINERALE**
[72] MILJAK, DAVID GEOFFREY, AU
[72] COGHILL, PETER JOHN, AU
[72] LEHMANN-HORN, JOCHEN, FR
[72] LOVRIC, BOJAN, AU
[72] YONG, RICHARD, AU
[71] COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION, AU
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[25] EN
[54] **COMPOSITIONS AND METHODS FOR CONTROLLING PLANT DISEASE**
[54] **COMPOSITIONS ET METHODES DE CONTROLE DE MALADIES DE VEGETAUX**
[72] HAMMER, PHILIP E., US
[72] ROBERTS, MARK A., US
[72] TWIZEYIMANA, MATHIAS, US
[72] RONYAK, STEVE, US
[71] AGBIOME, INC., US
[85] 2018-02-13
[86] 2016-08-26 (PCT/US2016/048969)
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[30] US (62/211,282) 2015-08-28
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[25] EN
[54] **ON-LINE MAGNETIC RESONANCE MEASUREMENT OF CONVEYED MATERIAL**
[54] **MESURE DE RESONANCE MAGNETIQUE EN LIGNE DE MATERIAU TRANSPORTE**
[72] MILJAK, DAVID GEOFFREY, AU
[71] COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION, AU
[85] 2018-02-14
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[87] (WO2017/031537)
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[25] EN
[54] **MULTIPLE OXYGEN ALLOTROPE GENERATOR**
[54] **GENERATEUR MULTIPLE ALLOTROPIQUE D'OXYGENE**
[72] STONE, ROBERT DE LA TORRE, US
[71] STONE, ROBERT DE LA TORRE, US
[85] 2018-02-13
[86] 2016-08-10 (PCT/US2016/046303)
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[25] EN
[54] **NEO-ISLETS COMPRISING STEM AND ISLET CELLS AND TREATMENT OF DIABETES MELLITUS THEREWITH**
[54] **NEO-ILOTS COMPRENANT DES CELLULES SOUCHES ET D'ILOT ET TRAITEMENT DU DIABETE SUCRE AVEC CEUX-CI**
[72] WESTENFELDER, CHRISTOF, US
[72] GOOCH, ANNA, US
[72] ZHANG, PING, US
[72] HU, ZHUMA, US
[71] SYMBIOCELLTECH, LLC, US
[85] 2018-02-13
[86] 2016-09-09 (PCT/US2016/051105)
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[30] US (62/216,920) 2015-09-10
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[51] **Int.Cl. A01K 45/00 (2006.01)**
[25] EN
[54] **IMPROVEMENT TO FUNCTIONAL MODULE FOR THE SELECTIVE APPLICATION OF SUBSTANCES INSIDE FERTILE EGGS**
[54] **AMELIORATION APPORTEE A UN MODULE FONCTIONNEL D'INTRODUCTION SELECTIVE DE SUBSTANCES DANS DES OEUFS FERTILES**
[72] BASTOS, CESAR DA SILVA, BR
[71] CEVA SAUDE ANIMAL LTDA., BR
[85] 2018-02-14
[86] 2016-08-16 (PCT/BR2016/050194)
[87] (WO2017/027947)
[30] BR (BR102015019877-9) 2015-08-18

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[51] **Int.Cl. A01K 45/00 (2006.01)**
[25] EN
[54] **IMPROVEMENT TO NEEDLE FOR INNOCULATING NUTRIENTS INTO THE INNER ENVIRONMENT OF FERTILE EGGS**
[54] **AMELIORATION APPORTEE A UNE AIGUILE POUR L'INOCULATION DE NUTRIMENTS AU VOISINAGE DU MILIEU INTERNE D'OEUFS FERTILES**
[72] BASTOS, CESAR DA SILVA, BR
[71] CEVA SAUDE ANIMAL LTDA., BR
[85] 2018-02-14
[86] 2016-08-16 (PCT/BR2016/050195)
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[51] **Int.Cl. A61F 2/24 (2006.01)**
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[54] **SYSTEMS AND METHODS FOR HEART VALVE THERAPY**
[54] **SYSTEMES ET PROCEDES POUR THERAPIE DE VALVULE CARDIAQUE**
[72] GANESAN, KAVITHA, US
[72] FORSBERG, ANDREW T., US
[72] SCHWEICH, CYRIL J., JR., US
[72] MORTIER, TODD J., US
[71] CAISSON INTERVENTIONAL LLC US
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[25] EN
[54] **TRANSDERMAL FORMULATIONS FOR DELIVERY OF BERBERINE COMPOUNDS, AND THEIR USE IN THE TREATMENT OF BERBERINE-RESPONSIVE DISEASES AND CONDITIONS**
[54] **FORMULATIONS TRANSDERMIQUES POUR L'ADMINISTRATION DE COMPOSES DE BERBERINE ET LEUR UTILISATION DANS LE TRAITEMENT DE MALADIES ET DE PATHOLOGIES SENSIBLES A LA BERBERINE**
[72] GABRIELE, JOSEPH, CA
[72] BARANOWSKI, DAVID, CA
[72] BUCHANAN, BETH, CA
[72] ZUCCOLO, JONATHAN, CA
[72] TERIS, MIKAELA, CA
[71] DELIVRA INC., CA
[85] 2018-02-14
[86] 2016-08-17 (PCT/CA2016/050965)
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[25] EN
[54] **CAST COOLING ARRANGEMENT FOR ELECTRIC MACHINES**
[54] **AGENCEMENT DE REFROIDISSEMENT COULE POUR MACHINES ELECTRIQUES**
[72] DESBIENS, JEAN-PHILIPPE, CA
[72] DUBE, FRANCOIS, CA
[72] DUPUIS, DANNY, CA
[72] DEXTRAZE, JEAN-PHILIPPE, CA
[72] LATULIPE, ERIC, CA
[71] TM4 INC., CA
[85] 2018-02-14
[86] 2016-08-17 (PCT/CA2016/050966)
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[51] **Int.Cl. A61B 18/12 (2006.01) A61B 10/02 (2006.01) A61B 17/221 (2006.01) A61B 18/14 (2006.01)**
[25] EN
[54] **ELECTROSURGICAL METHOD AND APPARATUS WITH VARYING STIFFNESS CAPTURE COMPONENTS**
[54] **PROCEDE ET APPAREIL D'ELECTROCHIRURGIE DOTE D'ELEMENTS DE CAPTURE A RIGIDITE VARIABLE**
[72] VACHA, JOHN F., US
[72] MACARTHUR, DOUGLAS M., US
[72] SOLBJOR, ALBERT, US
[71] COVIDIEN AG, CH
[85] 2018-02-13
[86] 2016-08-12 (PCT/US2016/046768)
[87] (WO2017/027800)
[30] US (62/204,836) 2015-08-13
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[51] **Int.Cl. C07K 14/605 (2006.01) A61K 38/26 (2006.01) A61P 3/10 (2006.01)**
[25] EN
[54] **EXENATIDE MODIFIER AND USE THEREOF**
[54] **MODIFICATEUR DE L'EXENATIDE ET UTILISATION DE CE DERNIER**
[72] YUAN, JIANDONG, CN
[72] HUANG, YANGQING, CN
[72] SONG, YUNSONG, CN
[72] YUAN, FANG, CN
[71] BRIGHTGENE BIO-MEDICAL TECHNOLOGY CO., LTD., CN
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[86] 2016-09-13 (PCT/CN2016/098844)
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[30] CN (201510619012.7) 2015-09-25

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[25] EN
[54] **ELECTROSURGICAL GENERATOR AND METHODS**
[54] **GENERATEUR ET PROCEDES POUR ELECTRO-CHIRURGIE**
[72] MACARTHUR, DOUGLAS M., US
[72] VACHA, JOHN F., US
[72] SOLBJOR, ALBERT, US
[72] TOCCI, CHRISTOPHER, US
[72] MOSES, CHRISTIAN A., US
[71] COVIDIEN AG, CH
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[86] 2016-08-12 (PCT/US2016/046788)
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[30] US (62/204,836) 2015-08-13
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[51] **Int.Cl. A61K 38/16 (2006.01) A61L 27/54 (2006.01) A61P 31/04 (2006.01) C07K 14/00 (2006.01)**
[25] EN
[54] **ANTI-MICROBIAL COATINGS AND DEVICES**
[54] **DISPOSITIFS ET REVETEMENTS ANTIMICROBIENS**
[72] ALEXANDER, TODD E., US
[72] LOZEAU, LINDSAY D., US
[72] CAMESANO, TERRI A., US
[71] WORCESTER POLYTECHNIC INSTITUTE, US
[85] 2018-02-13
[86] 2016-08-12 (PCT/US2016/046792)
[87] (WO2017/030966)
[30] US (62/205,206) 2015-08-14
[30] US (15/235,778) 2016-08-12

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[25] EN
[54] **METHODS AND FORMULATIONS FOR REDUCING BOVINE EMISSIONS**
[54] **PROCEDES ET FORMULATIONS PERMETTANT DE REDUIRE LES EMISSIONS BOVINES**
[72] HERR, CORY T., US
[72] KUBE, JOHN CHARLES, US
[72] TEETER, JEROLD SCOTT, US
[71] ELANCO US INC., US
[85] 2018-02-13
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[87] (WO2017/062301)
[30] US (PCT/US2015/054040) 2015-10-05

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[51] **Int.Cl. A61F 5/01 (2006.01) A61B 17/56 (2006.01) A61B 17/60 (2006.01) A61B 17/84 (2006.01) A61B 17/88 (2006.01) A61F 5/14 (2006.01)**
[25] EN
[54] **BONE POSITIONING AND PREPARING GUIDE SYSTEMS AND METHODS**
[54] **SYSTEMES GUIDES DE POSITIONNEMENT ET DE PREPARATION D'OS**
[72] SANTROCK, ROBERT D., US
[72] DAYTON, PAUL, US
[72] HATCH, DANIEL J., US
[72] SMITH, W. BRET, US
[72] BAYS, F. BARRY, US
[72] GIL, CARLOS EDUARDO, US
[72] SCANLAN, SEAN F., US
[72] FERGUSON, JOE WILLIAM, US
[72] TREACE, JOHN T., US
[71] TREACE MEDICAL CONCEPTS, INC., US
[85] 2018-02-13
[86] 2016-08-12 (PCT/US2016/046892)
[87] (WO2017/031000)
[30] US (62/205,338) 2015-08-14
[30] US (14/981,335) 2015-12-28

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[51] **Int.Cl. B21B 1/34 (2006.01) D21B 1/34 (2006.01)**
[25] EN
[54] **PROCESSOR, APPARATUS HAVING A PROCESSOR, CYCLONE, AND METHOD FOR TREATMENT OF A SUBSTANCE MIXTURE**
[54] **DISPOSITIF DE TRAITEMENT, SYSTEME DOTE D'UN DISPOSITIF DE TRAITEMENT, CYCLONE ET PROCEDE DE TRAITEMENT D'UN MELANGE DE MATIERES**
[72] BOLTERSDORF, HANS-JOACHIM, DE
[71] CODUKTE BOLTERSDORF, DE
[85] 2018-02-14
[86] 2015-08-14 (PCT/DE2015/000405)
[87] (WO2016/023536)
[30] DE (10 2014 011 942.4) 2014-08-14
[30] DE (10 2015 002 683.6) 2015-03-04

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[51] **Int.Cl. A61K 9/00 (2006.01) A61K 35/12 (2015.01) A61K 35/30 (2015.01)**
[25] EN
[54] **STEM CELL-DERIVED OLIGODENDROCYTE PROGENITOR CELLS FOR THE TREATMENT OF WHITE MATTER STROKE**
[54] **CELLULES PROGENITRICES D'OLYGODENDROCYTES DERIVEES DE CELLULES SOUCHES DESTINEES AU TRAITEMENT D'ACCIDENTS VASCULAIRES CEREBRAUX LIES A LA SUBSTANCE BLANCHE**
[72] WIRTH, EDWARD D., III, US
[72] CARMICHAEL, STANLEY T., US
[72] LORENZO LLORENTE, IRENE, US
[72] MANLEY, NATHAN C., US
[71] ASTERIAS BIOTHERAPEUTICS, INC., US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
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[54] **IMPROVEMENT TO OPERATING SYSTEM OF MODULE FOR LOCKING INJECTION DEVICES OF A SUBSYSTEM FOR APPLYING SUBSTANCES INTO FERTILE EGGS**
[54] **AMELIORATION APPORTEE A UN SYSTEME FONCTIONNEL DE MODULE DE BLOCAGE DE DISPOSITIFS INJECTEURS D'UN SOUS-SYSTEME D'INTRODUCTION DE SUBSTANCES DANS DES OEUFS FERTILES**
[72] BASTOS, CESAR DA SILVA, BR
[71] CEVA SAUDE ANIMAL LTDA, BR
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[54] **INTERACTIVE FAIRGROUND RIDE, IN PARTICULAR ROLLER COASTER**
[54] **MANEGE INTERACTIF, EN PARTICULIER MONTAGNES RUSSES**
[72] SCHRADE, STEPHAN, DE
[71] MACK RIDES GMBH & CO. KG, DE
[85] 2018-02-14
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[54] **PROCEDE ET APPAREIL DE CONSTRUCTION DE STRUCTURE EN BETON**
[72] ZAVITZ, BRYANT, US
[71] TINDALL CORPORATION, US
[85] 2018-02-13
[86] 2016-08-16 (PCT/US2016/047228)
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[54] **DISPOSITIF DE MOUSSAGE**
[72] JARISCH, CHRISTIAN, CH
[72] CAMIER, NICOLAS, FR
[71] NESTEC S.A., CH
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[25] EN
[54] **SYSTEM AND METHOD FOR AUDIO SIGNAL MEDIATED INTERACTIONS**
[54] **SYSTEME ET PROCEDE POUR INTERACTIONS A MEDIATION DE SIGNAUX AUDIO**
[72] SQUIRE, JASON, CA
[72] MISEK, PETER, CA
[71] SOUNDPAYS INC., CA
[85] 2018-02-14
[86] 2016-08-16 (PCT/IB2016/054903)
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[54] **IMAGE GENERATING APPARATUS AND IMAGE DISPLAY CONTROL APPARATUS**
[54] **DISPOSITIF DE GENERATION D'IMAGES ET DISPOSITIF DE COMMANDE D'AFFICHAGE D'IMAGES**
[72] OTO, TOMOHIRO, JP
[72] SHINOHARA, TAKAYUKI, JP
[71] SONY INTERACTIVE ENTERTAINMENT INC., JP
[85] 2018-02-14
[86] 2016-06-24 (PCT/JP2016/068873)
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[25] EN
[54] **CONSTRUCTION MATERIAL MANAGEMENT SYSTEM AND CONSTRUCTION MATERIAL MANAGEMENT METHOD**
[54] **SYSTEME ET PROCEDE DE GESTION DE MATERIAUX DE CONSTRUCTION**
[72] SHIMIZU, NAOKI, JP
[72] IWAMOTO, HIROYUKI, JP
[72] MAEDA, YASUYUKI, JP
[72] TAKAHASHI, EIJI, JP
[72] NAITO, TAKAYUKI, JP
[71] CHIYODA CORPORATION, JP
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[54] **APPARATUS AND METHODS FOR ANALYZING THE OUTPUT OF MICROFLUIDIC DEVICES**
[54] **APPAREIL ET PROCEDES PERMETTANT D'ANALYSER LA PRODUCTION EN SORTIE DE DISPOSITIFS MICROFLUIDIQUES**
[72] ISSADORE, DAVID, US
[72] WOLDERMARIAM, MELAKU MULUNEH, US
[71] THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA, US
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[54] **ROBOT**
[54] **ROBOT**
[72] KOU, SHIKI, JP
[72] MIYAZAKI, RYOUTA, JP
[72] ISHII, MASAHIRO, JP
[72] OGAWA, KENTO, JP
[72] KUNITAKE, YUJI, JP
[72] HIGUCHI, SEIYA, JP
[71] PANASONIC INTELLECTUAL PROPERTY MANAGEMENT CO., LTD., JP
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[54] **AIDE VISUELLE A L'ENSEIGNEMENT DE L'ECRITURE**
[72] BORNE, REBECCA, US
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[25] EN
[54] **INTERNALIZING MOIETIES FOR TREATMENT OF CANCER**
[54] **FRACTIONS D'INTERNALISATION UTILISABLES EN VUE DU TRAITEMENT DU CANCER**
[72] ARMSTRONG, DUSTIN D., US
[71] VALERION THERAPEUTICS, LLC, US
[85] 2018-02-14
[86] 2015-08-27 (PCT/US2015/047180)
[87] (WO2016/033324)
[30] US (62/042,755) 2014-08-27
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[13] A1
[51] **Int.Cl. E21B 33/12 (2006.01) E21B 23/06 (2006.01) G06K 19/077 (2006.01)**
[25] EN
[54] **DEGRADABLE ISOLATION DEVICES WITH EMBEDDED TRACERS**
[54] **DISPOSITIFS D'ISOLATION DEGRADABLES AVEC TRACEURS INTEGRES**
[72] FRIPP, MICHAEL LINLEY, US
[72] BROOME, JOHN TODD, US
[72] WALTON, ZACHARY WILLIAM, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[25] EN
[54] **DEGRADABLE ISOLATION DEVICES WITH DATA RECORDERS**
[54] **DISPOSITIFS D'ISOLATION DEGRADABLES A ENREGISTREURS DE DONNEES**
[72] FRIPP, MICHAEL LINLEY, US
[72] BROOME, JOHN TODD, US
[72] WALTON, ZACHARY WILLIAM, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **APPARATUSES AND METHODS FOR IMPROVING POST-OPERATIVE RECOVERY FROM SURGERY**
[54] **APPAREILS ET PROCEDES POUR AMELIORER LA RECUPERATION POST-OPERATOIRE APRES UNE INTERVENTION CHIRURGICALE**
[72] BALASUBRAMANIAM, SWARNA, US
[71] NOLEUS TECHNOLOGIES INC., US
[85] 2018-02-14
[86] 2016-07-27 (PCT/US2016/044339)
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[25] EN
[54] **CHLOROPLAST TRANSIT PEPTIDES**
[54] **PEPTIDES DE TRANSIT POUR CHLOROPLASTES**
[72] LIRA, JUSTIN M., US
[72] CICCHILLO, ROBERT, US
[72] YERKES, CARLA N., US
[72] ROBINSON, ANDREW E., US
[71] DOW AGROSCIENCES LLC, US
[85] 2018-02-13
[86] 2016-08-17 (PCT/US2016/047355)
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[25] EN
[54] **DUAL LUMEN SHEATH FOR ARTERIAL ACCESS**
[54] **GAINE A DOUBLE LUMIERE POUR L'ACCES AUX ARTERES**
[72] CORBETT, SCOTT C., US
[72] FANTUZZI, GLEN ROBERT, US
[72] MURPHY, JOHN, US
[72] KIRCHHOFF, FRANK, DE
[72] BROUSSEAU, DAVID, US
[72] SIESS, THORSTEN, DE
[71] ABIOMED, INC., US
[85] 2018-02-13
[86] 2016-08-17 (PCT/US2016/047421)
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[30] US (14/827,741) 2015-08-17

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[13] A1
[51] **Int.Cl. A61K 39/395 (2006.01) C07K 16/28 (2006.01) C07K 16/30 (2006.01)**
[25] EN
[54] **BISPECIFIC MONOVALENT DIABODIES THAT ARE CAPABLE OF BINDING B7-H3 AND CD3, AND USES THEREOF**
[54] **DIANTICORPS MONOVALENTS BISPECIFIQUES CAPABLES DE SE LIER A B7-H3 ET A CD3 ET LEURS UTILISATIONS**
[72] JOHNSON, LESLIE S., US
[72] MOORE, PAUL A., US
[72] BONVINI, EZIO, US
[72] HUANG, LING, US
[72] SHAH, KALPANA, US
[72] ALDERSON, RALPH, US
[72] CHICHILI, GURUNADH REDDY, US
[71] MACROGENICS,INC., US
[85] 2018-02-14
[86] 2016-08-12 (PCT/US2016/046680)
[87] (WO2017/030926)
[30] US (62/206,051) 2015-08-17
[30] US (62/280,318) 2016-01-19

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[13] A1
[51] **Int.Cl. A61K 31/7008 (2006.01) A61K 31/715 (2006.01)**
[25] EN
[54] **POLYMERS AND THEIR METHODS OF USE**
[54] **POLYMERES ET LEURS METHODES D'UTILISATION**
[72] BAKER, SHENDA, US
[72] WIESMANN, WILLIAM P., US
[71] SYNEDGEN, INC., US
[85] 2018-02-14
[86] 2016-08-12 (PCT/US2016/046829)
[87] (WO2017/030981)
[30] US (62/205,408) 2015-08-14

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[13] A1
[51] **Int.Cl. F21S 4/28 (2016.01) F21S 8/04 (2006.01) F21V 17/10 (2006.01) F21V 21/08 (2006.01) F21V 21/14 (2006.01)**
[25] EN
[54] **END CAP FOR LIGHT FIXTURE**
[54] **CAPOT D'EXTREMITE POUR APPAREIL D'ECLAIRAGE**
[72] FARRELL, TIMOTHY SCOTT, US
[72] BAKER, DEREK BRUCE, US
[71] HUBBELL INCORPORATED, US
[85] 2018-02-14
[86] 2016-08-15 (PCT/US2016/046963)
[87] (WO2017/031024)
[30] US (62/206,436) 2015-08-18

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[51] **Int.Cl. C12N 1/20 (2006.01) A61K 35/37 (2015.01) A61K 35/38 (2015.01) A61K 35/74 (2015.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR ENRICHING A BACTERIAL STRAIN FROM A TARGET BACTERIAL SYSTEM**
[54] **SYSTEMES ET PROCEDES D'ENRICHISSEMENT D'UNE SOUCHE BACTERIENNE A PARTIR D'UN SYSTEME BACTERIEN CIBLE**
[72] ALLEN-VERCOE, EMMA, US
[71] NUBYIOTA LLC, US
[85] 2018-02-14
[86] 2016-08-24 (PCT/US2016/048317)
[87] (WO2017/035191)
[30] US (62/209,135) 2015-08-24

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[13] A1
[51] **Int.Cl. C07D 498/04 (2006.01) A61K 31/5383 (2006.01) A61K 31/542 (2006.01) A61P 31/04 (2006.01) C07D 513/04 (2006.01) C07D 519/00 (2006.01)**
[25] EN
[54] **COMPOUNDS FOR USE IN ANTIBACTERIAL APPLICATIONS**
[54] **COMPOSES A UTILISER DANS DES APPLICATIONS ANTIBACTERIENNES**
[72] CUI, HAIFENG, US
[72] HENNESSY, ALAN, GB
[72] JIN, QI, US
[72] MILES, TIMOTHY JAMES, ES
[72] MOSS, STEPHEN FREDERICK, GB
[72] PEARSON, NEIL DAVID, US
[71] GLAXOSMITHKLINE INTELLECTUAL PROPERTY DEVELOPMENT LIMITED, GB
[85] 2018-02-13
[86] 2016-08-15 (PCT/IB2016/054890)
[87] (WO2017/029602)
[30] US (62/205,732) 2015-08-16
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[13] A1
[51] **Int.Cl. C07K 16/28 (2006.01) A61K 49/22 (2006.01) A61M 37/00 (2006.01)**
[25] EN
[54] **ANTI-DESPR MONOCLONAL ANTIBODY TARGETED THERAPY AND IMAGING FOR CANCER AND STROKE**
[54] **TRAITEMENT CIBLE PAR ANTICORPS MONOCLONAL ANTI-DESPR ET IMAGERIE POUR CANCER ET AVC**
[72] RUIZ-OPAZO, NELSON, US
[72] HERRERA, VICTORIA L.M., US
[71] TRUSTEES OF BOSTON UNIVERSITY, US
[85] 2018-02-14
[86] 2016-08-24 (PCT/US2016/048427)
[87] (WO2017/035249)
[30] US (62/208,937) 2015-08-24

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[51] **Int.Cl. C12N 15/85 (2006.01) A01K 67/027 (2006.01) A61K 39/395 (2006.01)**
[25] EN
[54] **ENHANCED PRODUCTION OF IMMUNOGLOBULINS**
[54] **PRODUCTION AMELIOREE D'IMMUNOGLOBULINES**
[72] WABL, MATTHIAS, US
[72] DUONG, BAO, US
[71] TRIANNI, INC., US
[85] 2018-02-14
[86] 2016-08-24 (PCT/US2016/048436)
[87] (WO2017/035252)
[30] US (62/209,267) 2015-08-24

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[13] A1
[51] **Int.Cl. G02B 21/36 (2006.01) G06T 7/00 (2017.01) G06T 11/60 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR EMBEDDED IMAGES IN LARGE FIELD-OF-VIEW MICROSCOPIC SCANS**
[54] **SYSTEME ET PROCEDE POUR IMAGE INCORPOREE DANS DES SCANS MICROSCOPIQUES A CHAMP DE VISION LARGE**
[72] LALLEMENT, SEBASTIEN, CA
[72] LE GUERROUE DREVILLON, THOMAS, CA
[72] LIN, LI-HENG, CA
[72] LO, HOK MAN HERMAN, CA
[72] RASOULIAN, ABTIN, CA
[71] VIEWSIQ INC., CA
[85] 2018-02-15
[86] 2015-08-17 (PCT/CA2015/050779)
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[30] US (62/038,499) 2014-08-18

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[13] A1
[51] **Int.Cl. C22C 38/14 (2006.01) C21D 8/02 (2006.01) C22C 38/04 (2006.01) C22C 38/12 (2006.01) C23C 2/06 (2006.01) C23C 2/12 (2006.01)**
[25] EN
[54] **ALUMINIUM-ZINC-HOT-DIPPED AND COLOUR-COATED STEEL PLATE HAVING A 600 MPA YIELD STRENGTH GRADE AND A HIGH ELONGATION AND MANUFACTURING METHOD THEREOF**
[54] **TOLE D'ACIER PORTANT UN REVETEMENT COLORE D'ALUMINIUM-ZINC FORME PAR IMMERSION A CHAUD HAUTEMENT ETIRABLE AYANT UNE LIMITE D'ELASTICITE CONVENTIONNELLE AU NIVEAU DE 600 MPA ET PROCEDE DE FABRICATION S'Y RAPPORTANT**
[72] LI, JUN, CN
[72] XU, DECHAO, CN
[72] MU, HAILING, CN
[72] ZHAO, YUSHENG, CN
[72] LIU, YUNFENG, CN
[71] BAOSHAN IRON & STEEL CO., LTD., CN
[85] 2018-02-15
[86] 2016-07-25 (PCT/CN2016/091500)
[87] (WO2017/036261)
[30] CN (201510540657.1) 2015-08-28

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[13] A1
[51] **Int.Cl. G01M 3/22 (2006.01) E03B 7/00 (2006.01) G01N 21/64 (2006.01) G01N 33/18 (2006.01)**
[25] EN
[54] **FLUID SYSTEM EVALUATION WITH MULTIPLE CHEMICAL TRACERS**
[54] **EVALUATION D'UN SYSTEME DE FLUIDE A L'AIDE DE PLUSIEURS TRACEURS CHIMIQUES**
[72] RICHARDSON, JOHN, US
[72] WHITE, KEVIN, US
[72] WOOD, PATRICK, US
[72] WILKINS, JAMES, US
[71] CHEMTREAT, INC., US
[85] 2018-02-14
[86] 2016-08-15 (PCT/US2016/047030)
[87] (WO2017/031057)
[30] US (62/205,430) 2015-08-14

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[13] A1
[51] **Int.Cl. G06T 19/00 (2011.01) G06F 19/00 (2018.01)**
[25] EN
[54] **PHYSICALLY BASED SIMULATION METHODS FOR MODELING AND ANIMATING TWO- AND THREE-DIMENSIONAL DEFORMABLE OBJECTS**
[54] **PROCEDES DE SIMULATION PHYSIQUE PERMETTANT DE MODELISER ET D'ANIMER DES OBJETS DEFORMABLES BI- ET TRI-DIMENSIONNELS**
[72] HAGEDOORN, MICHIEL, CA
[71] SIDE EFFECTS SOFTWARE INC., CA
[85] 2018-02-15
[86] 2016-08-17 (PCT/CA2016/000210)
[87] (WO2017/027957)
[30] US (62/206,114) 2015-08-17

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[13] A1
[51] **Int.Cl. A61J 3/06 (2006.01)**
[25] EN
[54] **INTELLIGENT CONTINUOUS MANUFACTURING METHOD VIA LIQUID COOLING OF DRIPPING PILLS**
[54] **PROCEDE INTELLIGENT DE FABRICATION EN CONTINU PAR REFROIDISSEMENT PAR LIQUIDE DE PILULES FORMEES PAR EGOUTTAGE**
[72] YAN, KAIJING, CN
[72] SUN, XIAOBING, CN
[72] RONG, CHANGSHENG, CN
[72] CAI, XUEFEI, CN
[72] WANG, LIANG, CN
[71] TASLY PHARMACEUTICAL GROUP CO., LTD., CN
[85] 2018-02-15
[86] 2016-09-14 (PCT/CN2016/099018)
[87] (WO2017/045609)
[30] CN (201510598591l) 2015-09-18

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[13] A1
[51] **Int.Cl. A01K 67/027 (2006.01) A61K 39/395 (2006.01)**
[25] EN
[54] **TRANSGENIC ANIMAL FOR PRODUCTION OF ANTIBODIES HAVING A COMMON LIGHT CHAIN**
[54] **ANIMAL TRANSGENIQUE POUR LA PRODUCTION D'ANTICORPS AYANT UNE CHAINE LEGERE COMMUNE**
[72] HARRIMAN, WILLIAM DON, US
[72] ETCHES, ROBERT, US
[72] LEIGHTON, PHILIP A., US
[71] CRYSTAL BIOSCIENCE INC., US
[85] 2018-02-14
[86] 2016-08-24 (PCT/US2016/048485)
[87] (WO2017/035274)
[30] US (62/210,926) 2015-08-27

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[13] A1
[51] **Int.Cl. F28D 1/03 (2006.01) F28D 15/02 (2006.01) F28F 3/12 (2006.01) H05K 7/20 (2006.01)**
[25] EN
[54] **HEAT EXCHANGERS FOR DUAL-SIDED COOLING**
[54] **ECHANGEUR DE CHALEUR COMPRENANT DES CONDUITS DE TYPE PLAQUE POUR LE REFROIDISSEMENT DE COMPOSANTS ELECTRONIQUES**
[72] MACHLER, MEINRAD K.A., CA
[72] SHORE, COLIN A., CA
[71] DANA CANADA CORPORATION, CA
[85] 2018-02-15
[86] 2016-08-26 (PCT/CA2016/051010)
[87] (WO2017/031596)
[30] US (62/210,542) 2015-08-27

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[13] A1
[51] **Int.Cl. A61J 3/06 (2006.01)**
[25] EN
[54] **INTELLIGENT DRIPPING PILL MACHINE FOR CONTINUOUS LIQUID SOLIDIFICATION**
[54] **MACHINE DE PILULES-GOUTTES INTELLIGENTE POUR SOLIDIFICATION CONTINUE DE LIQUIDES**
[72] YAN, KAIJING, CN
[72] SUN, XIAOBING, CN
[72] RONG, CHANGSHENG, CN
[72] CAI, XUEFEI, CN
[72] WANG, LIANG, CN
[71] TASLY PHARMACEUTICAL GROUP CO., LTD., CN
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[54] **SYSTEMS AND METHODS FOR MONITORING RESPIRATION IN A BIOSENSING GARMENT**
[54] **SYSTEMES ET PROCEDES POUR LA SURVEILLANCE DE LA RESPIRATION DANS UN VETEMENT DE BIODETECTION**
[72] NURKKA, MARIA ELINA, CA
[72] DUMONT, THIERRY, CA
[72] FORTIER-POISSON, PASCAL, CA
[71] OMSIGNAL, CA
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[51] **Int.Cl. H04W 4/00 (2018.01)**
[25] EN
[54] **COORDINATION OF WIRELESS DEVICES BETWEEN PERSONAL AREA NETWORKS AND VEHICLE AREA NETWORKS**
[54] **COORDINATION DE DISPOSITIFS SANS FIL ENTRE DES RESEAUX PERSONNELS ET DES RESEAUX DE VEHICULE**
[72] FU, HOUCHAO, CN
[72] HAN, HUIMIN, CN
[72] HU, HAIQING, CN
[72] WANG, QINZHI, CN
[71] MOTOROLA SOLUTIONS, INC., US
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[54] **AAV-EPO FOR TREATING COMPANION ANIMALS**
[54] **AAV-EPO POUR LE TRAITEMENT D'ANIMAUX DE COMPAGNIE**
[72] HINDERER, CHRISTIAN, US
[72] WILSON, JAMES M., US
[72] WILSON, MATTHEW, US
[71] THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA, US
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[25] EN
[54] **USE OF NATURAL GAS AS A VAPORIZING GAS IN A WELL INTERVENTION OPERATION**
[54] **UTILISATION DE GAZ NATUREL EN TANT QUE GAZ DE VAPORISATION DANS UNE OPERATION D'INTERVENTION SUR PUITS**
[72] NEVISON, GRANT W., CA
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2018-02-14
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[30] US (62/235,241) 2015-09-30

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[51] **Int.Cl. A01N 63/00 (2006.01)**
[25] EN
[54] **MICROALGAE BASED COMPOSITIONS AND METHODS FOR APPLICATION TO PLANTS**
[54] **COMPOSITIONS A BASE DE MICROALGUES ET PROCEDES POUR LES APPLIQUER A DES PLANTES**
[72] SHINDE, SANDIP, US
[72] VENTRE, STEPHEN, US
[72] MADATHIL, MANIKANDADAS MATHILAKATHU, US
[72] CARNEY, LAURA, US
[72] WHEELER, JERALD, US
[71] HELIAE DEVELOPMENT, LLC, US
[71] SHINDE, SANDIP, US
[71] VENTRE, STEPHEN, US
[71] MADATHIL, MANIKANDADAS MATHILAKATHU, US
[71] CARNEY, LAURA, US
[71] WHEELER, JERALD, US
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[25] EN
[54] **PRISM-BASED EYE TRACKING**
[54] **POURSUITE OCULAIRE BASEE SUR UN PRISME**
[72] ZHANG, ZHIBIN, US
[72] CAROLLO, JERRY, US
[71] GOOGLE LLC, US
[85] 2018-02-14
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[25] EN
[54] **COMPOUNDS FOR INDUCING TISSUE FORMATION AND USES THEREOF**
[54] **COMPOSES POUR INDUIRE LA FORMATION TISSULAIRE ET LEURS UTILISATIONS**
[72] ZOUANI, OMAR F., CH
[71] HISTIDE AG, CH
[85] 2018-02-15
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[25] EN
[54] **BIOMARKERS FOR TREATMENT OF ALOPECIA AREATA**
[54] **BIOMARQUEURS POUR LE TRAITEMENT DE LA PELADE**
[72] CHRISTIANO, ANGELA, US
[72] CLYNES, RAPHAEL, US
[71] THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK, US
[85] 2018-02-14
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[30] US (62/205,476) 2015-08-14

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[51] **Int.Cl. C07K 14/435 (2006.01)**
[25] EN
[54] **COMPOUNDS FOR INDUCING TISSUE FORMATION AND USES THEREOF**
[54] **COMPOSES DESTINES A INDUIRE UNE FORMATION DE TISSU ET UTILISATIONS DE CES COMPOSES**
[72] ZOUANI, OMAR F., CH
[71] HISTIDE AG, CH
[85] 2018-02-15
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[25] EN
[54] **BLADE WITH REMOVABLE WORKING SURFACES AND METHODS OF MAKING AND USING**
[54] **PALE COMPRENANT SURFACES DE TRAVAIL AMOVIBLES ET PROCEDES DE FABRICATION ET D'UTILISATION**
[72] BARATTA, ANTHONY, US
[71] BARON INVESTMENTS LLC, US
[85] 2018-02-14
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[87] (WO2017/031091)
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[25] EN
[54] **COMPOUNDS FOR INDUCING TISSUE FORMATION AND USES THEREOF**
[54] **COMPOSES POUR INDUIRE LA FORMATION TISSULAIRE ET LEURS UTILISATIONS**
[72] ZOUANI, OMAR F., CH
[71] HISTIDE AG, CH
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[54] **EYELID SHAPE ESTIMATION**
[54] **ESTIMATION DE FORME DE PAUPIERE**
[72] AMAYEH, GHOLAMREZA, US
[72] KAEHLER, ADRIAN, US
[71] MAGIC LEAP, INC., US
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[25] EN
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[54] **PROCEDE POUR USINER UNE PIECE A TRAVAILLER METALLIQUE PAR TOURNAGE**
[72] LOF, RONNIE, SE
[72] JOHANSSON, ADAM, SE
[71] SANDVIK INTELLECTUAL PROPERTY AB, SE
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[86] 2016-09-07 (PCT/EP2016/071101)
[87] (WO2017/060027)
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[51] **Int.Cl. G01N 33/50 (2006.01)**
[25] EN
[54] **METHOD OF ESTIMATING THE INCIDENCE OF IN VIVO REACTIONS TO CHEMICAL OR BIOLOGICAL AGENTS USING IN VITRO EXPERIMENTS**
[54] **PROCEDE D'ESTIMATION DE L'INCIDENCE DE REACTIONS IN VIVO A DES AGENTS CHIMIQUES OU BIOLOGIQUES A L'AIDE D'EXPERIENCES IN VITRO**
[72] COYNE, KEVIN P., US
[72] COYNE, SHAWN T., US
[72] NGUYEN, ANH, US
[71] COYNE SCIENTIFIC, LLC, US
[85] 2018-02-14
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[25] EN
[54] **HIGH EFFICIENCY HEATING AND/OR COOLING SYSTEM AND METHODS**
[54] **SYSTEME ET PROCEDES DE CHAUFFAGE ET/OU DE REFROIDISSEMENT HAUTEMENT EFFICACES**
[72] STAFFEND, GILBERT, US
[72] STAFFEND, NANCY A., US
[72] STAFFEND, NICHOLAS A., US
[71] STAFFEND, GILBERT, US
[85] 2018-02-14
[86] 2016-08-19 (PCT/US2016/047778)
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[30] US (62/207,216) 2015-08-19

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[13] A1
[51] **Int.Cl. A61K 39/00 (2006.01) A61K 35/12 (2015.01) C12N 9/02 (2006.01)**
[25] EN
[54] **IMPROVED METHODS AND COMPOUNDS FOR ELIMINATING IMMUNE RESPONSES TO THERAPEUTIC AGENTS**
[54] **PROCEDES ET COMPOSES AMELIORES POUR SUPPRIMER DES REPONSES IMMUNITAIRES A DES AGENTS THERAPEUTIQUES**
[72] SAINT-REMY, JEAN-MARIE, BE
[72] VANDER ELST, LUC, BE
[72] CARLIER, VINCENT, BE
[71] IMCYSE SA, BE
[85] 2018-02-15
[86] 2016-09-23 (PCT/EP2016/072690)
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[51] **Int.Cl. C04B 28/00 (2006.01) C04B 18/02 (2006.01) C04B 20/10 (2006.01) C04B 28/06 (2006.01) C04B 28/26 (2006.01) C04B 40/00 (2006.01) C09K 8/00 (2006.01)**
[25] EN
[54] **NOVEL MATERIAL AND PRODUCTION THEREOF FOR USE AS STORAGE MEDIUM IN A SENSITIVE ENERGY STORAGE SYSTEM IN THE LOW-, MEDIUM- OR HIGH-TEMPERATURE SECTOR**
[54] **NOUVEAU MATERIAU AINSI QUE SA PREPARATION, DESTINE A ETRE UTILISE COMME MILIEU D'ACCUMULATION DANS UN SYSTEME SENSIBLE D'ACCUMULATION D'ENERGIE, DANS UNE PLAGE DE TEMPERATURE BASSE, MOYENNE ET ELEVEE**
[72] ROCKTASCHEL, CHRISTIAN, DE
[71] FLUORCHEMIE GMBH FRANKFURT, DE
[85] 2018-02-15
[86] 2017-03-01 (PCT/EP2017/054767)
[87] (WO2017/157664)
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[51] **Int.Cl. G06F 7/00 (2006.01) G06F 9/44 (2018.01) G06F 17/30 (2006.01) G06K 9/18 (2006.01)**
[25] EN
[54] **INTEGRATED SOFTWARE DEVELOPMENT ENVIRONMENTS, SYSTEMS, METHODS, AND MEMORY MODELS**
[54] **ENVIRONNEMENTS DE DEVELOPPEMENT DE LOGICIEL INTEGRES, SYSTEMES, PROCEDES ET MODELES DE MEMOIRE**
[72] GARIPOV, OLEG, CA
[71] GARIPOV, OLEG, CA
[85] 2018-02-14
[86] 2016-08-19 (PCT/US2016/047871)
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[30] US (62/207,305) 2015-08-19

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[51] **Int.Cl. A61K 35/74 (2015.01) A61P 1/00 (2006.01) C12N 1/20 (2006.01) G01N 33/50 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR TREATING A DYSBIOSIS USING FECAL-DERIVED BACTERIAL POPULATIONS**
[54] **SYSTEMES ET PROCEDES POUR LE TRAITEMENT D'UNE DYSBIOSE A L'AIDE DE POPULATIONS BACTERIENNES DERIVEES DE FECES**
[72] ALLEN-VERCOE, EMMA, US
[71] NUBYIOTA LLC, US
[85] 2018-02-14
[86] 2016-08-24 (PCT/US2016/048312)
[87] (WO2017/035188)
[30] US (62/209,149) 2015-08-24

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[51] **Int.Cl. G08B 17/06 (2006.01) G08B 21/18 (2006.01)**
[25] EN
[54] **DETECTABLE SHAFT END CLOSURES**
[54] **FERMETURES D'EXTREMITE D'ARBRE DETECTABLES**
[72] GALEHOUSE, MARTIN SCOTT, US
[72] HEWITT, WILLIAM GREG, US
[72] KAPOUSIDIS, VASILLIOS B., US
[71] ABB SCHWEIZ AG, CH
[85] 2018-02-15
[86] 2016-08-15 (PCT/US2016/047060)
[87] (WO2017/031070)
[30] US (62/205,679) 2015-08-15

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[13] A1
[51] **Int.Cl. A61B 5/00 (2006.01) A61B 3/113 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR USING EYE MOVEMENTS TO DETERMINE TRAUMATIC BRAIN INJURY**
[54] **SYSTEMES ET PROCEDES POUR UTILISER DES MOUVEMENTS OCULAIRES POUR DETERMINER UNE LESION CEREBRALE TRAUMATIQUE**
[72] MACKNIK, STEPHEN L., US
[72] MARTINEZ-CONDE, SUSANA, US
[71] DIGNITY HEALTH, US
[85] 2018-02-15
[86] 2015-08-20 (PCT/US2015/046117)
[87] (WO2016/029019)
[30] US (62/040,166) 2014-08-21

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[13] A1
[51] **Int.Cl. C07C 7/09 (2006.01) C10G 5/06 (2006.01) F25J 3/02 (2006.01)**
[25] EN
[54] **METHODS FOR SEPARATING LIGHT FRACTIONS FROM HYDROCARBON FEEDSTOCK**
[54] **PROCEDES DE SEPARATION DE FRACTIONS LEGERES A PARTIR D'UNE CHARGE D'HYDROCARBURES**
[72] SECCOMBE, DONALD A., US
[72] WANG, SHUJUAN, US
[71] NEXCRUDE TECHNOLOGIES, INC., US
[85] 2018-02-15
[86] 2015-08-20 (PCT/US2015/046156)
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[30] US (62/039,865) 2014-08-20

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[51] **Int.Cl. A61B 5/145 (2006.01) A61B 5/1455 (2006.01)**
[25] EN
[54] **DEVICE FOR NON-INVASIVE MEASUREMENT OF BLOOD SUGAR LEVELS**
[54] **DISPOSITIF DE MESURE NON INVASIVE DE LA GLYCEMIE**
[72] ARKO, ZORAN, SI
[72] TOFANT, TADEJ, SI
[71] DIA-VIT LTD., GB
[85] 2018-02-15
[86] 2015-10-05 (PCT/IB2015/001788)
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[25] EN
[54] **PET FOOD COMPOSITION FOR MANAGING NON-FOOD ALLERGIES**
[54] **COMPOSITION D'ALIMENT POUR ANIMAUX DE COMPAGNIE POUR GERER DES ALLERGIES NON ALIMENTAIRES**
[72] GROSS, KATHY, US
[72] MACLEAY, JENNIFER, US
[72] FRITSCH, DALE ALLEN, US
[72] BEDNAR, GEOFF, US
[72] PANICKAR, KIRAN, US
[72] PAETAU-ROBINSON, INKE, US
[72] JEWELL, DENNIS EDWARD, US
[71] HILL'S PET NUTRITION, INC., US
[85] 2018-02-15
[86] 2016-04-22 (PCT/US2016/029013)
[87] (WO2017/058291)
[30] US (62/235,082) 2015-09-30

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[13] A1
[51] **Int.Cl. C12M 1/26 (2006.01) C12M 1/34 (2006.01)**
[25] EN
[54] **HOME EVALUATION OF THE QUALITY OF SEMEN SAMPLES**
[54] **EVALUATION A DOMICILE DE LA QUALITE D'ECHANTILLONS DE SPERME**
[72] SHAFIEE, HADI, US
[71] THE BRIGHAM AND WOMEN'S HOSPITAL, INC, US
[85] 2018-02-15
[86] 2016-06-22 (PCT/US2016/038739)
[87] (WO2016/209943)
[30] US (62/182,666) 2015-06-22

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[13] A1
[51] **Int.Cl. A61F 2/34 (2006.01) A61F 2/36 (2006.01)**
[25] EN
[54] **SURGICAL TRAYS, INSTRUMENTS AND METHODS FOR IMPLANTING A HIP REPLACEMENT PROSTHESIS**
[54] **PLATEAUX CHIRURGICAUX, INSTRUMENTS ET PROCEDES POUR IMPLANTER UNE PROTHESE DE REMPLACEMENT DE LA HANCHE**
[72] TERMANINI, ZAFER, US
[72] MACDONALD, STEVEN, CA
[72] VANHIEL, BRIAN, US
[72] DAVIS, TAYLOR, US
[71] HIP INNOVATION TECHNOLOGY, LLC, US
[85] 2018-02-15
[86] 2016-08-15 (PCT/US2016/047031)
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[30] US (62/208,127) 2015-08-21

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[13] A1
[51] **Int.Cl. A61F 2/46 (2006.01)**
[25] EN
[54] **SURGICAL TRAYS, INSTRUMENTS AND METHODS FOR REMOVING COMPONENTS OF A HIP REPLACEMENT PROSTHESIS**
[54] **PLATEAUX, INSTRUMENTS ET PROCEDES CHIRURGICAUX D'ELIMINATION DE COMPOSANTS D'UNE PROTHESE DE REMPLACEMENT DE HANCHE**
[72] TERMANINI, ZAFER, US
[72] VANHIEL, BRIAN, US
[72] AMBRECHT, ADAM, US
[71] HIP INNOVATION TECHNOLOGY, LLC, US
[85] 2018-02-15
[86] 2016-08-15 (PCT/US2016/047035)
[87] (WO2017/034846)
[30] US (62/210,652) 2015-08-27

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[13] A1
[51] **Int.Cl. A61K 31/192 (2006.01) A61K 31/198 (2006.01) A61P 1/16 (2006.01)**
[25] EN
[54] **TREATMENT AND PREVENTION OF MUSCLE LOSS USING L-ORNITHINE IN COMBINATION WITH AT LEAST ONE OF PHENYLACETATE AND PHENYLBUTYRATE**
[54] **TRAITEMENT ET PREVENTION DE LA PERTE MUSCULAIRE AU MOYEN DE L-ORNITHINE EN COMBINAISON AVEC AU MOINS UN PARMI L'ACETATE DE PHENYLE ET LE BUTYRATE DE PHENYLE**
[72] ROSE, CHRISTOPHER F., CA
[72] ROUSSEAU, FRANCK, US
[71] OCERA THERAPEUTICS, INC., US
[85] 2018-02-15
[86] 2016-08-16 (PCT/US2016/047211)
[87] (WO2017/031131)
[30] US (62/206,466) 2015-08-18

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[13] A1
[51] **Int.Cl. A61B 17/068 (2006.01) A61B 17/072 (2006.01)**
[25] EN
[54] **TISSUE STAPLERS, STAPLER HEADS, AND METHODS OF SURGICALLY FASTENING AND CUTTING A BODILY TISSUE**
[54] **AGRAFEUSES DE TISSU, TETES D'AGRAFEUSES, ET PROCEDES DE FIXATION ET DE COUPE PAR VOIE CHIRURGICALE D'UN TISSU CORPOREL**
[72] ROBINSON, SIMON, IL
[72] BACHAR, YEHUDA, IL
[72] WINSHTEIN, RONNY, IL
[71] STEPWISE LTD, IL
[85] 2018-02-15
[86] 2015-09-15 (PCT/IB2015/057083)
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[30] US (62/050,476) 2014-09-15

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[13] A1
[51] **Int.Cl. C12N 15/29 (2006.01) A01H 5/10 (2018.01) C07K 14/415 (2006.01)**
[25] EN
[54] **ATYPICAL CYS HIS RICH THIOREDOXIN 4 (ACHT4) BLOCKERS AND METHODS OF USE THEREOF**
[54] **BLOQUEURS DE LA THIOREDOXINE 4 RICHE EN CYS HIS ATYPIQUE (ACHT4) ET LEURS PROCEDES D'UTILISATION**
[72] DANON, AVIHAI, IL
[72] ELIYAHU, EREZ, IL
[72] TIWARI, VIVEKANAND, IL
[71] YEDA RESEARCH AND DEVELOPMENT CO. LTD., IL
[85] 2018-02-15
[86] 2016-08-16 (PCT/IL2016/050891)
[87] (WO2017/029662)
[30] US (62/205,768) 2015-08-17

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[13] A1
[51] **Int.Cl. A61F 2/02 (2006.01) A61L 27/38 (2006.01) A61L 27/52 (2006.01) A61L 27/54 (2006.01) A61L 27/58 (2006.01)**
[25] EN
[54] **FIBER-HYDROGEL COMPOSITE SURGICAL MESHES FOR TISSUE REPAIR**
[54] **TREILLIS CHIRURGICAUX COMPOSITES FIBRE-HYDROGEL POUR REPARATION TISSULAIRE**
[72] MARTIN, RUSSELL, US
[72] REDDY, SASHANK, US
[72] SACKS, JUSTIN, US
[72] LI, XIAOWEI, US
[72] CHO, BRIAN HONEWEE, US
[72] MAO, HAI-QUAN, US
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[54] **CARRIER SHEET AND METHOD OF USING THE SAME**
[54] **FEUILLE DE SUPPORT ET SON PROCEDE D'UTILISATION**
[72] VEST, RYAN W., US
[72] BLAIR, HAROLD, US
[71] MACDERMID GRAPHICS SOLUTIONS, LLC, US
[85] 2018-02-15
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[54] **A SYSTEM FOR AND A METHOD OF MEASURING USING A HANDHELD ELECTRONIC DEVICE**
[54] **SYSTEME ET PROCEDE DE MESURE UTILISANT UN DISPOSITIF ELECTRONIQUE PORTATIF**
[72] RADAI, MICHAL MIRIAM, IL
[72] ITZHAK, MENI MENASHE, IL
[71] MY SIZE ISRAEL 2014 LTD., IL
[85] 2018-02-15
[86] 2016-08-18 (PCT/IL2016/050905)
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[25] EN
[54] **INTEGRATED FIXATION DEVICE COMPRISING AN EMISSION AND RECOVERY SOURCE WITH THE PURPOSE OF TARGET LOCALIZATION AND LOCKING RELATIVE TO THE FIXATION POINT IN ORDER TO FACILITATE INTERVENTION TO SAID TARGET**
[54] **DISPOSITIF DE FIXATION INTEGRE COMPRENANT UNE SOURCE D'EMISSION ET DE RECUPERATION AYANT POUR OBJECTIF LA LOCALISATION DE CIBLES ET LE VERROUILLAGE PAR RAPPORT AU POINT DE FIXATION AFIN DE FACILITER L'INTERVENTION SUR LADITE CIBLE**
[72] HAZARD, SPRAGUE W., III, US
[72] FELL, BARRY, US
[72] HALUCK, RANDY, US
[72] ROHATGI, PRATIK, US
[72] DILLON, PETER, US
[71] THE PENN STATE RESEARCH FOUNDATION, US
[85] 2018-02-15
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[25] EN
[54] **HONOKIOL AND MAGNOLOL FORMULATIONS WITH INCREASED STABILITY AND IMPROVED UPTAKE, AND METHODS OF USE THEREOF**
[54] **FORMULATIONS DE HONOKIOL ET DE MAGNOLOL PRESENTANT UNE STABILITE ACCRUE ET UNE ABSORPTION AMELIOREE, ET LEURS PROCEDES D'UTILISATION**
[72] FRAMROZE, BOMI P., IN
[71] ST IP HOLDING AG, CH
[85] 2018-02-15
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[25] EN
[54] **PHOTOCURABLE SEALING AGENT FOR FUEL CELL, FUEL CELL, AND SEALING METHOD**
[54] **AGENT D'ETANCHEITE PHOTODURCISSABLE DESTINE A UNE PILE A COMBUSTIBLE, PILE A COMBUSTIBLE ET PROCEDE D'ETANCHEIFICATION**
[72] SOGA, TETSUNORI, JP
[72] ANAI, MAO, JP
[71] THREEBOND CO., LTD., JP
[85] 2018-02-15
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[54] **ELECTROLYSIS APPARATUS AND ELECTROLYSIS METHOD**
[54] **APPAREIL D'ELECTROLYSE ET PROCEDE D'ELECTROLYSE**
[72] DOMON, HIROKI, JP
[72] MANABE, AKIYOSHI, JP
[72] OHARA, MASAHIRO, JP
[71] DE NORA PERMELEC LTD, JP
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[25] EN
[54] **MESENCHYMAL CELL-BINDING COMPOSITE MATERIAL FOR TISSUE RESTORATION**
[54] **MATERIAU COMPOSITE SE LIANT AUX CELLULES MESENCHYMATEUSES POUR LA RESTAURATION TISSULAIRE**
[72] MARTIN, RUSSELL, US
[72] MAO, HAI-QUAN, US
[72] REDDY, SASHANK, US
[72] SACKS, JUSTIN, US
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[25] EN
[54] **PHARMACEUTICAL COMPOSITION FOR ADMINISTRATION TO NASAL MUCOSA**
[54] **COMPOSITION PHARMACEUTIQUE DESTINEE A ETRE ADMINISTREE A LA MUQUEUSE NASALE**
[72] MARUO, SUSUMU, JP
[72] NAGANO, ATSUHIRO, JP
[72] NONAKA, YUKO, JP
[72] FURUKAWA, RYO, JP
[71] TEIJIN PHARMA LIMITED, JP
[85] 2018-02-15
[86] 2016-10-28 (PCT/JP2016/082897)
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[54] **BIO-MECHANICAL PROSTHETIC THUMB**
[54] **PROTHESE DE POUCE BIO-MECANIQUE**
[72] THOMPSON, ROBERT, JR., US
[72] BENGTSSON, JON, US
[72] MACDUFF, CHARLES COLIN, US
[72] PETO, ANTHONY CHARLES, US
[72] MINNIS, SYDNEY TYE, US
[72] KLUMPER, ERIC DENNIS, US
[72] CRITTENDEN, BRADLEY ARTHUR, US
[71] RCM ENTERPRISE, LLC, US
[85] 2018-02-15
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[25] EN
[54] **ENHANCED RECOMBINATION OF GENOMIC LOCI**
[54] **RECOMBINAISON AMELIOREE DE LOCI GENOMIQUE**
[72] CALDWELL, DAVID G., US
[72] NAGY, ERVIN D., US
[71] MONSANTO TECHNOLOGY LLC, US
[85] 2018-02-15
[86] 2016-08-19 (PCT/US2016/047748)
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[51] **Int.Cl. F25J 1/00 (2006.01) F25J 1/02 (2006.01)**
[25] EN
[54] **GAS LIQUEFACTION SYSTEM AND METHODS**
[54] **SYSTEME ET PROCEDES DE LIQUEFACTION DE GAZ**
[72] KENNEDY, DAVID ALLEN, US
[72] ZHAO, SHUKUI, US
[71] GE OIL & GAS, INC., US
[85] 2018-02-15
[86] 2016-08-25 (PCT/US2016/048780)
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[54] **LIQUID BIOMASS HEATING SYSTEM**
[54] **SYSTEME DE CHAUFFAGE A BIOMASSE LIQUIDE**
[72] FREEL, BARRY A., CA
[72] HOPKINS, GEOFFREY D., CA
[72] STILES, CAMERON A.F., CA
[72] TORRENS, R. LEE, US
[72] MULLER, STEFAN, CA
[71] ENSYN RENEWABLES, INC., US
[85] 2018-02-15
[86] 2016-08-19 (PCT/US2016/047777)
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[54] **PROBES FOR IMAGING HUNTINGTIN PROTEIN**
[54] **SONDES D'IMAGERIE DE LA PROTEINE HUNTINGTINE**
[72] DOMINGUEZ, CELIA, US
[72] WITYAK, JOHN, US
[72] BARD, JONATHAN, US
[72] BROWN, CHRISTOPHER JOHN, US
[72] PRIME, MICHAEL EDWARD, US
[72] JOHNSON, PETER DAVID, US
[72] KRULLE, THOMAS MARTIN, US
[72] CLARK-FREW, DANIEL, US
[72] HIGGINS, DUANE, US
[72] MILLS, MATTHEW ROBERT, US
[72] MARSTON, RICHARD WALDRON, US
[72] COE, SAMUEL, US
[72] GREEN, SAMANTHA LOUISE JONES, US
[72] HAYES, SARAH, US
[71] CHDI FOUNDATION, INC., US
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[25] EN
[54] **PYRITHIONE PRESERVATIVE SYSTEM IN SOLID RINSE AID PRODUCTS**
[54] **SYSTEME CONSERVATEUR A BASE DE PYRITHIONE DANS LES PRODUITS SOLIDES D'AGENT DE RINCAGE**
[72] FOSTER, TOBIAS, DE
[72] JENSEN, ANDREW, US
[72] MOLINARO, KATHERINE, US
[72] PETTERSEN, NATHAN, US
[72] BLACK, ELAINE, US
[71] ECOLAB USA INC., US
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[54] **CHIMERIC AAV-ANTI-VEGF FOR TREATING CANCER IN CANINES**
[54] **VECTEUR CHIMERIQUE AAV ANTI-VEGF POUR LE TRAITEMENT DE CANCERS CHEZ LES CANINES**
[72] HINDERER, CHRISTIAN, US
[72] WILSON, JAMES M., US
[72] WILSON, MATTHEW, US
[71] THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA, US
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[25] EN
[54] **SYSTEMS AND METHODS FOR ANALYZING REMOTE SENSING IMAGERY**
[54] **SYSTEMES ET PROCEDES POUR ANALYSER UNE IMAGERIE DE DETECTION A DISTANCE**
[72] KOTTENSTETTE, RYAN, US
[72] LORENZEN, PETER, US
[72] GEDIKLI, SUAT, DE
[71] CAPE ANALYTICS, INC., US
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[25] EN
[54] **INTELLIGENT, DATA GATHERING AND COMMUNICATING PORTABLE RESTROOMS**
[54] **TOILETTES PORTABLES INTELLIGENTES A FONCTIONS DE COLLECTE DE DONNEES ET DE COMMUNICATION**
[72] SCHOMBURG, KENNETH V., US
[72] HOLMSTADT, RONALD J., US
[71] SATELLITE INDUSTRIES, INC., US
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[54] **PREPARATION D'ACIDES GRAS DE FURANE A PARTIR DE 5-(CHLOROMETHYL)FURFURAL**
[72] MASCAL, MARK, US
[72] CHANG, FEI, US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
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[54] **CONSTRUCTION SYSTEM HAVING CORE SUPPORTING BLOCKS AND DECORATIVE FASCIA BLOCKS**
[54] **SYSTEME DE CONSTRUCTION COMPRENANT DES BLOCS DE SUPPORT CENTRAUX ET DES BLOCS A BANDEAUX DECORATIFS**
[72] SWIERAD, SCOTT, CA
[72] RODENBURGH, RAY, CA
[72] BAILEY, AARON, CA
[71] HENGESTONE HOLDINGS, INC., CA
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[54] **TRAITEMENT D'IMAGE BILATERALE SENSIBLE AUX CONTOURS**
[72] BARRON, JONATHAN TILTON, US
[72] POOLE, BEN, US
[71] GOOGLE LLC, US
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[25] EN
[54] **FLUID DISINFECTION WITH ULTRAVIOLET RADIATION AND A CHEMICAL DISINFECTANT**
[54] **DESINFECTION DE FLUIDE A L'AIDE D'UNE EXPOSITION A UN RAYONNEMENT ULTRAVIOLET ET A UN PRODUIT DESINFECTANT CHIMIQUE**
[72] SARATHY, SIVA RAJAN, CA
[72] MURRAY, ADRIAN HARRISON, CA
[72] SANTORO, DOMENICO, CA
[72] WALTON, JOHN, US
[72] NEOFOTISTOS, PARIS, US
[72] LAWRYSHYN, YURI, CA
[71] TROJAN TECHNOLOGIES, CA
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[54] **WELL CLEANOUT SYSTEM**
[54] **SYSTEME DE NETTOYAGE DE PUITS**
[72] FALK, KELVIN, CA
[72] YORGASON, BRANDON, CA
[71] SOURCE ROCK ENERGY PARTNERS INC., CA
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[25] EN
[54] **TREATMENT AND PREVENTION OF NEISSERIA GONORRHOEAE INFECTION USING CMP-ACTIVATED NONULOSONATE ANALOG COMPOUNDS**
[54] **TRAITEMENT ET PREVENTION D'INFECTION DE GONOCOQUE A L'AIDE DE COMPOSES ANALOGUES DE NONULOSONATE ACTIVES PAR CMP**
[72] SCHOENHOFEN, IAN C., CA
[71] NATIONAL RESEARCH COUNCIL CANADA, CA
[85] 2018-02-16
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[54] **SYSTEM AND METHOD FOR DETECTING AND TRACKING OBJECTS**
[54] **SYSTEME ET PROCEDE DE DETECTION ET SUIVI D'OBJETS**
[72] MILLER, NICHOLAS, CA
[72] MISHRA, AKSHAYA K., CA
[72] EICHEL, JUSTIN A., CA
[71] MIOVISION TECHNOLOGIES INCORPORATED, CA
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[51] **Int.Cl. G06Q 20/38 (2012.01)**
[25] EN
[54] **TARGET EXCHANGE PROCESSING METHOD, SERVER, TERMINAL DEVICE, AND ONLINE TRANSACTION METHOD**
[54] **PROCEDE DE TRAITEMENT D'ECHANGE DE CIBLE, SERVEUR, DISPOSITIF DE TERMINAL ET PROCEDE DE TRANSACTION EN LIGNE**
[72] ZHANG, YI, CN
[71] 10353744 CANADA LTD., CA
[85] 2018-02-16
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[25] EN
[54] **INFORMATION PROCESSING METHOD, SERVER, TERMINAL DEVICE, AND ONLINE TRANSACTION METHOD**
[54] **PROCEDE DE TRAITEMENT D'INFORMATIONS, SERVEUR, DISPOSITIF TERMINAL ET PROCEDE DE TRANSACTION EN LIGNE**
[72] ZHANG, YI, CN
[71] 10353744 CANADA LTD., CA
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[25] EN
[54] **DATA PROCESSING METHOD AND SYSTEM BASED ON ONLINE SALES PROMOTION**
[54] **PROCEDE ET SYSTEME DE TRAITEMENT DE DONNEES BASES SUR UNE PROMOTION DE VENTES EN LIGNE**
[72] ZHANG, YI, CN
[71] 10353744 CANADA LTD., CA
[85] 2018-02-16
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[51] **Int.Cl. H04L 29/06 (2006.01) G06Q 30/02 (2012.01)**
[25] EN
[54] **DATA PROCESSING SYSTEM BASED ON NETWORK PROMOTIONAL TRANSACTIONS**
[54] **SYSTEME DE TRAITEMENT DE DONNEES REPOSANT SUR DES TRANSACTIONS PROMOTIONNELLES DE RESEAU**
[72] ZHANG, YI, CN
[71] 10353744 CANADA LTD., CA
[85] 2018-02-16
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[54] **PRISE DE COURANT ET SYSTEME DE CONNEXION D'ALIMENTATION LA COMPRENANT**
[72] ZHU, WENTING, CN
[72] LUO, NAN, CN
[72] LU, BOWEI, CN
[72] DU, CHAO, CN
[72] SHEN, XIAOQIAO, CN
[72] WANG, XIAOYU, CN
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[71] SHANUTEC (SHANGHAI) CO., LTD., CN
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[87] (WO2017/028633)
[30] CN (201510511544.9) 2015-08-19
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[72] GERGES, IHAB EDWARD, CA
[71] DANA CANADA CORPORATION, CA
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[54] **PROCEDE ET APPAREIL DE TRANSMISSION DE SEQUENCE HE-LTF**
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[72] WANG, NINGJUAN, CN
[72] LIU, LE, CN
[72] LIN, WEI, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
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[54] **METHOD AND SYSTEM FOR ONLINE PUBLISHING OF PRODUCT ELECTRONIC TRANSACTION CERTIFICATE**
[54] **PROCEDE ET SYSTEME POUR LA PUBLICATION EN LIGNE D'UN CERTIFICAT DE TRANSACTION ELECTRONIQUE DE PRODUIT**
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[54] **PROCEDE, DISPOSITIF ET SYSTEME DE GENERATION DE COMMANDE DE MARCHANDISE**
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[54] **PROCEDE, APPAREIL ET SYSTEME DE TRANSMISSION DE FICHIERS DE CERTIFICAT DE CREDIT POUR ACHATS EN LIGNE**
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[72] ISHIZAKA, TAKUYA, JP
[71] KOMATSU LTD., JP
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[54] **METHOD AND DEVICE FOR VERIFYING INFORMATION OF TRANSACTION INFORMATION RECORD ELECTRONIC CERTIFICATE**
[54] **PROCEDE ET DISPOSITIF DE VERIFICATION DES INFORMATIONS DE CERTIFICAT ELECTRONIQUE D'ENREGISTREMENT D'INFORMATIONS DE TRANSACTION**
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[54] **MELANGEUR ET PROCEDE DE MELANGE**
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[72] NAKAMURA, WATARU, JP
[72] ISHIBASHI, SEIGO, JP
[72] TANI, HIROKUNI, JP
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[54] **PROCEDE ET SYSTEME DE PRET A BASE DE DONNEES VOLUMINEUSES**
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[72] JOGO, YOSUKE, JP
[72] HIRAYAMA, YOSHIO, JP
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[54] **DISPOSITIF DE TRAITEMENT D'INFORMATIONS ET PROCEDE DE TRAITEMENT D'INFORMATIONS**
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[72] YAMAURA, TOMOYA, JP
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[54] **DATA EXCHANGE PROCESSING METHOD, SERVER, TERMINAL DEVICE, AND ONLINE TRANSACTION METHOD**
[54] **PROCEDE DE TRAITEMENT D'ECHANGE DE DONNEES, SERVEUR, DISPOSITIF TERMINAL ET PROCEDE DE TRANSACTION EN LIGNE**
[72] ZHANG, YI, CN
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[54] **ESSIEU FERROVIAIRE**
[72] MAKINO, TAIZO, JP
[72] KAMIMURA, TAKAYUKI, JP
[72] YAMAMOTO, YUICHIRO, JP
[72] WAKASU, YUTAKA, JP
[72] SUGAE, KIYONOBU, JP
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[54] **PROCEDE DE TRAITEMENT D'ECHANGE DE DONNEES, SERVEUR, DISPOSITIF TERMINAL ET PROCEDE DE TRANSACTION EN LIGNE**
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[54] **PROCEDE ET DISPOSITIF DE TRAITEMENT D'ECHANGE DE DONNEES**
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[54] **PROCEDE ET APPAREIL DE TRAITEMENT D'ECHANGE DE DONNEES**
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[54] **PROCEDE DE TRAITEMENT D'ECHANGE DE DESTINATION, APPAREIL, DISPOSITIF TERMINAL ET PROCEDE DE TRANSACTION EN LIGNE**
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[54] **ANTICORPS MONOCLONAL NEUTRALISANT L'INFECTIOSITE DE TOUS LES VIRUS EBOLA**
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[72] YOSHIDA, REIKO, JP
[72] FURUYAMA, WAKAKO, JP
[72] MIYAMOTO, HIROKO, JP
[72] MARUYAMA, JUNKI, JP
[72] IIDA, SHIGERU, JP
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[72] GEORGE, DAVID, US
[72] FIFE, STUART, US
[72] ROSEN, HOWARD, US
[71] NOVA NEURA, LLC, US
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[72] SNELL, DOUGLAS B., US
[72] COLE, MICHAEL R., US
[72] DONNELLY, JAMES, US
[71] IVOCLAR VIVADENT, INC., US
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[54] **SYSTEME DE NAVIGATION DE FIL-GUIDE A FONCTION DE VISUALISATION DIRECTE**
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[71] CARDIOGUIDANCE BIOMEDICAL, LLC, US
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[54] **SYSTEMES ET PROCEDES PERMETTANT DE FOURNIR UNE INTERVENTION SUR DES ALIMENTS ET UN ATTENDRISSAGE**
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[72] GILLETTE, JAMES M., US
[72] JONES, C. BRENNAN, US
[72] HASKELL, DAVID, US
[72] REID, JARED, US
[72] RODRIGUEZ, VICTOR, US
[72] HEPWORTH, TYLER, US
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[54] **FAISCEAU DE FIBRES OPTIQUES**
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[72] HURLEY, WILLIAM CARL, US
[71] CORNING OPTICAL COMMUNICATIONS LLC, US
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[54] **SYSTEME DE COMMANDE ET DE SURVEILLANCE D'EMBALLAGE SOUS VIDE**
[72] BAKER, MICHAEL, US
[72] MARTIN, RUSSELL, US
[71] SF INVESTMENTS, INC., US
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[25] EN
[54] **METHOD AND SYSTEM FOR GENERATING ROUTING TABLES FROM LINK SPECIFIC EVENTS**
[54] **PROCEDE ET SYSTEME DE GENERATION DE TABLES DE ROUTAGE A PARTIR D'EVENEMENTS SPECIFIQUES DE LIAISON**
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[71] LEVEL 3 COMMUNICATIONS, LLC, US
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[54] **ETALONNAGE DE CAPTEUR DE GRADIENT DE CHAMP MAGNETIQUE**
[72] TANG, YUMEI, US
[72] WU, HSU-HSIANG, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **UTILITY ENCLOSURE PEDESTAL**
[54] **SOCLE D'ENCEINTE UTILITAIRE**
[72] UNGER, JOHN JOSEPH, US
[72] HUDLOW, RYAN, US
[71] HUBBELL INCORPORATED, US
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[54] **AJUSTEUR DE SANGLE D'ARRET DE FROTTEMENT**
[72] PRUGUE, XIMENA, US
[71] BELL SPORTS, INC., US
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[54] **ARTICLES AUTO-ADHESIFS COMPRENANT UNE COUCHE POREUSE ELASTIQUE**
[72] WIDENBRANT, MARTIN J., US
[72] SEABAUGH, TAYLOR M., US
[72] FRONEK, DANIEL R., US
[72] BODKHE, RAJAN B., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
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[86] 2016-08-18 (PCT/US2016/047484)
[87] (WO2017/031275)
[30] US (62/206,348) 2015-08-18
[30] US (62/268,563) 2015-12-17
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[51] **Int.Cl. H04L 29/06 (2006.01)**
[25] EN
[54] **AUTHENTICATION METHOD, APPARATUS AND SYSTEM USED IN QUANTUM KEY DISTRIBUTION PROCESS**
[54] **PROCEDE, APPAREIL ET SYSTEME D'AUTHENTIFICATION UTILISES DANS UN PROCESSUS DE DISTRIBUTION DE CLE QUANTIQUE**
[72] FU, YINGFANG, CN
[71] ALIBABA GROUP HOLDING LIMITED, KY
[85] 2018-02-16
[86] 2016-08-17 (PCT/US2016/047398)
[87] (WO2017/031228)
[30] CN (201510509537.5) 2015-08-18

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[25] EN
[54] **FLUORO-INORGANICS FOR WELL CLEANING AND REJUVENATION**
[54] **COMPOSES INORGANIQUES FLUORES POUR LE NETTOYAGE ET LA REGENERATION DE PUITS**
[72] GILL, JASBIR, US
[72] SOMMESE, ANTHONY, US
[72] MILLER, THOMAS, US
[72] RODMAN, DAVID, AU
[71] ECOLAB USA INC., US
[85] 2018-02-16
[86] 2016-08-18 (PCT/US2016/047498)
[87] (WO2017/031282)
[30] US (62/206,669) 2015-08-18
[30] US (15/238,002) 2016-08-16

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[13] A1
[51] **Int.Cl. G06T 19/20 (2011.01) G06T 17/00 (2006.01)**
[25] EN
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[54] **SYSTEMES ET PROCEDES DE REALITE VIRTUELLE ET AUGMENTEE**
[72] RODRIGUEZ, JOSE FELIX, US
[72] PEREZ, RICARDO MARTINEZ, US
[71] MAGIC LEAP, INC., US
[85] 2018-02-16
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[87] (WO2017/031246)
[30] US (62/206,765) 2015-08-18

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[13] A1
[51] **Int.Cl. A47F 13/04 (2006.01) B21C 47/28 (2006.01) B21C 47/30 (2006.01) B23B 31/40 (2006.01) B65H 75/24 (2006.01)**
[25] EN
[54] **INDEPENDENTLY ROATABLE FLANGES AND ATTACHABLE ARBOR HOLE ADAPTERS**
[54] **FLASQUES A ROTATION INDEPENDANTE ET ADAPTATEURS D'ALESAGE CENTRAL APTES A ETRE FIXES**
[72] TEMBLADOR, RICHARD MIKE, US
[72] DEESE, MYRON, US
[72] KENT, HARRY WILLIAM, JR., US
[72] GONZALEZ, JUAN ALBERTO GALINDO, US
[72] TUGGLE, JAMES PHILLIP, US
[72] CALHOUN, FRANKLIN CLARENCE, US
[71] SOUTHWIRE COMPANY, LLC, US
[85] 2018-02-16
[86] 2016-08-18 (PCT/US2016/047592)
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[30] US (62/207,374) 2015-08-19
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[72] SINCLAIR, DAVID, US
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[71] HALO-BIO RNAI THERAPEUTICS, INC., US
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[54] **PROCEDE D'ESTIMATION DE L'AMPLITUDE DE CONTRAINTES**
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[71] CONOCOPHILLIPS COMPANY, US
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[72] HINOJOSA, CHRISTOPHER DAVID, US
[72] THOMPSON, GUY ROBERT, II, US
[72] MARTINUS VAN RUIJVEN, PETRUS, AU
[72] SOLOMON, MATTHEW DANIEL, AU
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[72] TUOHY, PATRICK SEAN, AU
[72] WEN, NORMAN, US
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[54] **COMPOSITIONS VACCINALES AYANT UNE STABILITE ET UNE IMMUNOGENICITE AMELIOREES**
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[72] LIU, YE, US
[72] TIAN, JING-HUI, US
[72] MASSARE, MICHAEL, US
[72] BODDAPATI, SARATHI, US
[72] SHANE, ERICA, US
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[54] **PROCEDES ET SYSTEMES DE DETECTION ET DE COMBINAISON DE CARACTERISTIQUES STRUCTURELLES DANS LA RECONSTRUCTION 3D**
[72] WEI, XIAOLIN, US
[72] ZHANG, YIFU, US
[71] MAGIC LEAP, INC., US
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[72] ESPINOZA, ABRAHAM, US
[72] ROODA, MATTHEW, US
[72] ROURKE, JOHN, US
[71] SWINETECH, INC., US
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[54] **NOUVEAUX COMPOSES CARBOXYLIQUES UTILISES COMME MODULATEURS DE ROR GAMMA**
[72] DAS, SANJIB, IN
[72] GHARAT, LAXMIKANT ATMARAM, IN
[72] HARDE, RAJENDRA LAXMAN, IN
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[54] **COMPOSES PYRAZOLO HETEROCYCLIQUES CONDENSES COMME INHIBITEURS D'ERK**
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[72] SERI-LEVY, ALON, IL
[72] NEIMANN, KARINE, IL
[72] NOV, ORI, IL
[71] SOL-GEL TECHNOLOGIES LTD., IL
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[54] **TECHNOLOGIE D'EXTRUSION MULTI-MATIERE ACTIVEE EN SERIE**
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[72] LLOYD, DANIEL, CA
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[54] **OSCILLATEUR OPTOELECTRONIQUE A FILTRE REGLABLE**
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[71] NANOWAVE TECHNOLOGIES INC., CA
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[54] **PROCEDE ET SYSTEME TACTILE INTERACTIF TRANSPARENT**
[72] MORRISON, GERALD, CA
[72] TSE, EDWARD, CA
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[72] HARTMAN, GREG, CA
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[54] **AMELIORATIONS POUR L'UTILISATION D'UN AFFICHAGE DANS UN DISPOSITIF D'ECLAIRAGE CONFIGURABLE PAR LOGICIEL**
[72] LIN, GUAN-BO, US
[72] KOMANDURI, RAVI KUMAR, US
[72] RAJ, RASHMI KUMAR, US
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[72] RAINS, JACK C., JR., US
[71] ABL IP HOLDING LLC, US
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[54] **PROCEDE DE PRODUCTION DE COMPOSES ALCENES ET ALCANES EN C3 CHLORES**
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[72] KUBICEK, PAVEL, CZ
[72] SLADEK, PETR, CZ
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[54] **ESTIMATION DE LA FORME D'UNE PAUPIERE AU MOYEN DE LA MESURE DE LA POSITION DE L'□IL**
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[71] MAGIC LEAP, INC., US
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[54] **OPTIMISATION DE TELEMETRIE ELECTROMAGNETIQUE DANS DES PUITS NON VERTICAUX**
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[72] RODNEY, PAUL F., US
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[54] **COMPOSITIONS COMPRENANT UN CHELATEUR ACIDE POUR LE TRAITEMENT DE FORMATIONS SOUTERRAINES COMPRENANT UNE OU PLUSIEURS FRACTURES**
[72] NGUYEN, PHILIP D., US
[72] LAHMAN, MATTHEW LEWIS, US
[72] RUSSELL, AARON GENE, US
[72] SINGH, DIPTI, US
[72] CHOPADE, PRASHANT D., US
[72] LARSEN, TRAVIS HOPE, US
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[71] CONTITECH TRANSPORTBANDSYSTEME GMBH, DE
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[71] INNOVOSCIENCES LLC, US
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[72] GUO, JING, US
[72] BAKER, AMANDA, US
[72] LANAGAN, MICHAEL, US
[72] GUO, HANZHENG, US
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[54] **STIMULATION SELECTIVE DE CIBLES DE RESERVOIR**
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[25] EN
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[54] **SEQUENCAGE DE CONTENANTS DE MATIERES EN VRAC POUR UNE UTILISATION DE MATERIAU CONTINUE**
[72] BELCHER, DONALD ANTHONY, US
[72] WARREN, WESLEY JOHN, US
[72] LUCAS, BRYAN CHAPMAN, US
[72] LEWIS, BRYAN JOHN, US
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[54] **BRISTLE AND TOOTHBRUSH INCORPORATING THE SAME**
[54] **POIL ET BROSSE A DENTS L'INCORPORANT**
[72] XI, WENJIN, CN
[72] GUO, GUANGSHENG, CN
[72] ZHANG, BO, CN
[71] COLGATE-PALMOLIVE COMPANY, US
[85] 2018-02-20
[86] 2015-11-03 (PCT/CN2015/093678)
[87] (WO2017/075761)

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[51] **Int.Cl. C07K 16/30 (2006.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **FULLY HUMAN ANTI-MESOTHELIN ANTIBODIES AND IMMUNE EFFECTOR CELLS TARGETING MESOTHELIN**
[54] **ANTICORPS ENTIEREMENT HUMAINS ANTI-MESOTHELINE ET CELLULES EFFECTRICES IMMUNITAIRES CIBLANT LA MESOTHELINE**
[72] WANG, HUAMAO, CN
[72] SONG, BO, CN
[72] WANG, PENG, CN
[71] CARSGEN THERAPEUTICS, LTD, CN
[85] 2018-02-20
[86] 2016-08-22 (PCT/CN2016/096292)
[87] (WO2017/032293)
[30] CN (201510519214.4) 2015-08-21

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[25] EN
[54] **A MICROFLUIDIC DEVICE AND METHODS FOR MANUFACTURING SAME**
[54] **DISPOSITIF MICROFLUIDIQUE ET SES PROCEDES DE FABRICATION**
[72] GREENE, GEORGE W., AU
[72] PAULL, BRETT, AU
[72] DUFFY, EMER, IE
[72] SPILSTEAD, KARA, AU
[72] HASWELL, STEPHEN, AU
[71] DEAKIN UNIVERSITY, AU
[71] UNIVERSITY OF TASMANIA, AU
[85] 2018-02-19
[86] 2015-08-21 (PCT/AU2015/050484)
[87] (WO2017/031518)

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[51] **Int.Cl. C07D 311/22 (2006.01) A61K 31/352 (2006.01)**
[25] EN
[54] **BENZOPYRAN DERIVATIVES AND USES THEREOF**
[54] **DERIVES DE BENZOPYRANE ET UTILISATIONS ASSOCIEES**
[72] CHENEVAL, DOMINIQUE, CA
[72] KASTELIC, TANIA, CA
[71] NOVATION PHARMACEUTICALS INC., CA
[85] 2018-02-19
[86] 2016-08-17 (PCT/CA2016/050967)
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[30] US (62/206,538) 2015-08-18

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[51] **Int.Cl. A61B 17/34 (2006.01) A61B 90/00 (2016.01) A61B 17/02 (2006.01)**
[25] EN
[54] **WOUND RETRACTORS WITH NON-CIRCULAR, NON-COPLANAR OR NON-PARALLEL INNER RINGS**
[54] **ECARTEURS DE PLAIES AVEC DES ANNEAUX INTERNES NON CIRCULAIRES, NON COPLANAIRES OU NON PARALLELES**
[72] BECERRA, MATTHEW M., US
[72] ALBRECHT, JEREMY J., US
[72] NGUYEN, ERIC, US
[71] APPLIED MEDICAL RESOURCES CORPORATION, US
[85] 2018-02-16
[86] 2016-08-26 (PCT/US2016/049079)
[87] (WO2017/035499)
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[25] EN
[54] **VARYING WATER LEVEL SOLIDS AND TRACKING CONTROL**
[54] **CONTROLE DE SUIVI ET DE SOLIDES DE NIVEAU D'EAU VARIABLE**
[72] LINDEMANN, TIMOTHY L., US
[72] WHITTIER, MICHAEL C., US
[71] EVOQUA WATER TECHNOLOGIES LLC, US
[85] 2018-02-16
[86] 2016-09-01 (PCT/US2016/049809)
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[30] US (62/219,735) 2015-09-17

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[51] **Int.Cl. B05D 3/00 (2006.01) B42D 25/00 (2014.01) B05D 3/06 (2006.01) B05D 5/06 (2006.01)**
[25] EN
[54] **APPARATUSES AND PROCESSES FOR PRODUCING OPTICAL EFFECT LAYERS COMPRISING ORIENTED NON-SPHERICAL MAGNETIC OR MAGNETIZABLE PIGMENT PARTICLES**
[54] **APPAREILS ET PROCEDES DE PRODUCTION DE COUCHES A EFFET OPTIQUE COMPRENANT DES PARTICULES DE PIGMENT MAGNETIQUES OU MAGNETISABLES NON SPHERIQUES ORIENTEES**
[72] SCHMID, MATHIEU, CH
[72] DESPLAND, CLAUDE-ALAIN, CH
[72] LOGINOV, EVGENY, CH
[71] SICPA HOLDING SA, CH
[85] 2018-02-20
[86] 2016-09-07 (PCT/EP2016/071055)
[87] (WO2017/080698)
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[25] EN
[54] **APPARATUS FOR PERFORMING PERITONEAL ULTRAFILTRATION**
[54] **APPAREIL POUR EFFECTUER UNE ULTRAFILTRATION PERITONEALE**
[72] BENGTSSON, HANS, SE
[71] TRIOMED AB, SE
[85] 2018-02-19
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[87] (WO2017/034452)
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[25] EN
[54] **HIGH EFFICIENCY CONICAL MILLS**
[54] **BROYEURS CONIQUES A HAUTE EFFICACITE**
[72] SANGUESA, WILF, CA
[72] WATSON, BARRY, CA
[72] VERBERNE, JEFF, CA
[72] WATSON, SEAN, CA
[71] QUADRO ENGINEERING, CA
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[86] 2016-07-12 (PCT/IB2016/001130)
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[25] EN
[54] **HOLE SAW**
[54] **SCIE CLOCHE**
[72] SIRCH, MAXIMILIAN, DE
[72] HAPPACH, HELMUT, DE
[72] MUNZENBERGER, HERBERT, DE
[71] HILTI AKTIENGESELLSCHAFT, LI
[85] 2018-02-20
[86] 2016-09-27 (PCT/EP2016/072905)
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[30] EP (15187050.8) 2015-09-28

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[25] EN
[54] **A CABLE FITTING FOR CONNECTING A HIGH-VOLTAGE CABLE TO A HIGH-VOLTAGE COMPONENT OR ANOTHER HIGH-VOLTAGE CABLE**
[54] **RACCORD DE CABLE POUR CONNECTER UN CABLE HAUTE TENSION A UN COMPOSANT HAUTE TENSION OU A UN AUTRE CABLE HAUTE TENSION**
[72] CZYZEWSKI, JAN, PL
[72] MAURER, VICTORIA, CH
[72] LICHY, RADIM, SE
[72] SORQVIST, TORBJORN, SE
[71] ABB SCHWEIZ AG, CH
[85] 2018-02-20
[86] 2016-09-22 (PCT/EP2016/072488)
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[25] EN
[54] **VARIANTS OF THERMOVIBRIO AMMONIFICANS CARBONIC ANHYDRASE AND CO2 CAPTURE METHODS USING THERMOVIBRIO AMMONIFICANS CARBONIC ANHYDRASE VARIANTS**
[54] **VARIANTS D'ANHYDRASE CARBONIQUE DE THERMOVIBRIO AMMONIFICANS ET PROCEDES DE CAPTURE DE CO2 A L'AIDE DE VARIANTS D'ANHYDRASE CARBONIQUE DE THERMOVIBRIO AMMONIFICANS**
[72] VOYER, NORMAND, CA
[72] DAIGLE, RICHARD, CA
[72] MADORE, ERIC, CA
[72] FRADETTE, SYLVIE, CA
[71] CO2 SOLUTIONS INC., CA
[85] 2018-02-20
[86] 2016-09-02 (PCT/CA2016/051049)
[87] (WO2017/035667)
[30] US (62/213,941) 2015-09-03
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[51] **Int.Cl. G06F 19/00 (2018.01)**
[25] EN
[54] **PRESURGICAL PLANNING FOR USE DURING SURGICAL PROCEDURE**
[54] **PLANIFICATION PRE-CHIRURGICALE DESTINEE A ETRE UTILISEE DURANT UNE INTERVENTION CHIRURGICALE**
[72] BIANCALANA, PHILIP, US
[72] HALLEN, PAUL R., US
[72] HOPKINS, MARK ALAN, US
[72] OLIVERA, ARGELIO MICHAEL, US
[72] PAPAC, MICHAEL JAMES, US
[72] SANCHEZ, ROBERT JOSEPH, JR., US
[71] NOVARTIS AG, CH
[85] 2018-02-20
[86] 2016-07-26 (PCT/IB2016/054451)
[87] (WO2017/051265)
[30] US (62/222,027) 2015-09-22
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[25] EN
[54] **BRAKE SYSTEM**
[54] **SYSTEME DE FREIN**
[72] VASSEUR, CARLOS, US
[72] OCHOA, FRANCISCO JAVIER, US
[72] REDDER, TIMM, US
[71] NOVARTIS AG, CH
[85] 2018-02-20
[86] 2016-07-26 (PCT/IB2016/054455)
[87] (WO2017/051266)
[30] US (62/222,038) 2015-09-22
[30] US (15/047,127) 2016-02-18

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[51] **Int.Cl. B05D 3/00 (2006.01) B42D 25/00 (2014.01) B05D 3/06 (2006.01) B05D 5/06 (2006.01)**
[25] EN
[54] **MAGNETIC ASSEMBLIES AND PROCESSES FOR PRODUCING OPTICAL EFFECT LAYERS COMPRISING ORIENTED NON-SPHERICAL MAGNETIC OR MAGNETIZABLE PIGMENT PARTICLES**
[54] **ASSEMBLAGES MAGNETIQUES ET PROCEDES DE PRODUCTION DE COUCHES A EFFET OPTIQUE COMPRENANT DES PARTICULES DE PIGMENT MAGNETIQUES OU MAGNETISABLES NON SPHERIQUES ORIENTEES**
[72] LOGINOV, EVGENY, CH
[72] SCHMID, MATHIEU, CH
[72] DESPLAND, CLAUDE-ALAIN, CH
[71] SICPA HOLDING SA, CH
[85] 2018-02-20
[86] 2016-10-11 (PCT/EP2016/074323)
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[51] **Int.Cl. E21B 43/20 (2006.01) C09K 8/58 (2006.01) E21B 43/25 (2006.01) E21B 47/10 (2012.01) G06F 17/50 (2006.01)**
[25] EN
[54] **AVOIDING WATER BREAKTHROUGH IN UNCONSOLIDATED SANDS**
[54] **EVITEMENT DE L'IRRUPTION D'EAU DANS DES SABLES NON COMPACTES**
[72] CHIN, LEE, US
[72] VIENOT, MICHAEL E., US
[71] CONOCOPHILLIPS COMPANY, US
[85] 2018-02-19
[86] 2016-09-14 (PCT/US2016/051657)
[87] (WO2017/048794)
[30] US (62/218,834) 2015-09-15
[30] US (15/263,489) 2016-09-13

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[13] A1
[51] **Int.Cl. B60C 25/13 (2006.01) B60C 25/14 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR SEPARATING A TIRE BEAD FROM A WHEEL OF A VEHICLE**
[54] **PROCEDE ET APPAREIL POUR SEPARER UN TALON DE PNEU D'UNE ROUE D'UN VEHICULE**
[72] SUTTON, ROBERT NICHOLAS, CA
[72] WALKDEN, ALFRED BRUCE, CA
[71] KAL TIRE, CA
[85] 2018-02-20
[86] 2015-09-02 (PCT/CA2015/050843)
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[13] A1
[51] **Int.Cl. C09D 109/00 (2006.01)**
[25] EN
[54] **ANTI-CORROSION COMPOSITION COMPRISING POLYISOBUTYLENES**
[54] **COMPOSITION ANTICORROSION COMPRENANT DES POLYISOBUTYLENES**
[72] KAISER, THOMAS MARKUS, DE
[72] GRYSHCHUK, OLEG, DE
[71] DENSO-HOLDING GMBH & CO., DE
[85] 2018-02-20
[86] 2016-11-15 (PCT/EP2016/077759)
[87] (WO2017/085071)
[30] DE (10 2015 119 789.8) 2015-11-16

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[51] **Int.Cl. A61B 5/0428 (2006.01) A61B 5/0402 (2006.01) G06F 19/00 (2018.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR WIDE-BAND PHASE GRADIENT SIGNAL ACQUISITION**
[54] **PROCEDE ET APPAREIL POUR ACQUISITION DE SIGNAL DE GRADIENT DE PHASE A LARGE BANDE**
[72] GUPTA, SUNNY, CA
[72] CRAWFORD, DON, US
[72] BURTON, TIMOTHY, CA
[72] RAMCHANDANI, SHYAMLAL, CA
[72] CANAVAN, KRISTINE, US
[71] ANALYTICS FOR LIFE INC., CA
[85] 2018-02-20
[86] 2016-08-26 (PCT/IB2016/055125)
[87] (WO2017/033164)
[30] US (62/210,426) 2015-08-26
[30] US (62/210,427) 2015-08-26
[30] US (62/340,410) 2016-05-23
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[51] **Int.Cl. A41D 31/00 (2006.01) A41D 13/015 (2006.01) A42B 3/06 (2006.01) A42B 3/12 (2006.01) B01D 39/16 (2006.01) B32B 3/26 (2006.01) B32B 3/30 (2006.01) F16F 7/12 (2006.01)**
[25] EN
[54] **ENERGY ABSORBING SYSTEMS**
[54] **SYSTEMES D'ABSORPTION D'ENERGIE**
[72] PLANT, DANIEL JAMES, GB
[72] ROSEVEARE, ALBY JONAS, GB
[71] PLANT, DANIEL JAMES, GB
[85] 2018-02-20
[86] 2016-08-25 (PCT/GB2016/052650)
[87] (WO2017/033022)
[30] GB (1515169.9) 2015-08-26
[30] GB (1602151.1) 2016-02-05

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[13] A1
[51] **Int.Cl. F02D 29/02 (2006.01) F02M 37/08 (2006.01) F02M 37/18 (2006.01)**
[25] EN
[54] **VEHICLE TRAVELING CONTROL METHOD AND VEHICLE TRAVELING CONTROL DEVICE**
[54] **PROCEDE DE COMMANDE DE DEPLACEMENT DE VEHICULE ET DISPOSITIF DE COMMANDE DE DEPLACEMENT DE VEHICULE**
[72] KOIKE, TOMOYUKI, JP
[72] WATANABE, MUNEMITSU, JP
[72] KOISHI, AKIFUMI, JP
[72] TSUCHIYA, TERUMASA, JP
[72] TAHARA, MASAHIKO, JP
[72] TEZUKA, ATSUSHI, JP
[71] NISSAN MOTOR CO., LTD., JP
[85] 2018-02-20
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[51] **Int.Cl. B32B 27/32 (2006.01) B42D 25/29 (2014.01) G07D 7/06 (2006.01) C08L 23/02 (2006.01)**
[25] EN
[54] **BIREFRINGENT BANKNOTE FILM**
[54] **FILM POUR BILLET DE BANQUE BIREFRINGENT**
[72] SERVANTE, ALASTAIR HUGH, GB
[72] STEWART, ROBERT, GB
[71] INNOVIA FILMS LIMITED, GB
[85] 2018-02-20
[86] 2016-10-27 (PCT/GB2016/053340)
[87] (WO2017/072512)
[30] GB (1519247.9) 2015-10-30

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[13] A1
[51] **Int.Cl. A61B 8/15 (2006.01) A61B 8/08 (2006.01) G06T 11/00 (2006.01)**
[25] EN
[54] **HAND-HELD MEDICAL APPARATUS AND MEDICAL ULTRASOUND SYSTEM**
[54] **APPAREIL MEDICAL A MAIN ET SYSTEME MEDICAL A ULTRASONS**
[72] GOKSEL, ORCUN, CH
[72] SANABRIA, SERGIO, CH
[71] ETH ZURICH, CH
[85] 2018-02-20
[86] 2016-08-29 (PCT/EP2016/070321)
[87] (WO2017/037023)
[30] EP (15182877.9) 2015-08-28

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[13] A1
[51] **Int.Cl. F02D 15/02 (2006.01) F02D 15/00 (2006.01)**
[25] EN
[54] **CONTROL DEVICE OF ENGINE AND CONTROL METHOD OF ENGINE**
[54] **DISPOSITIF DE COMMANDE DE MOTEUR ET PROCEDE DE COMMANDE DE MOTEUR**
[72] MATSUDA, TSUYOSHI, JP
[71] NISSAN MOTOR CO., LTD., JP
[85] 2018-02-20
[86] 2015-08-20 (PCT/JP2015/073399)
[87] (WO2017/029763)

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[51] **Int.Cl. A47G 9/10 (2006.01) A61F 5/56 (2006.01)**
[25] EN
[54] **A PILLOW**
[54] **OREILLER**
[72] ANDERSON, FRANCES PATRICIA, NZ
[71] PATNEY LIMITED, NZ
[85] 2018-02-20
[86] 2016-08-25 (PCT/NZ2016/050136)
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[30] NZ (711399) 2015-08-25

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[13] A1
[51] **Int.Cl. B64F 1/30 (2006.01) G01S 17/08 (2006.01)**
[25] EN
[54] **AUTOMATIC PASSENGER BOARDING BRIDGE DOCKING SYSTEM**
[54] **SYSTEME D'ARRIMAGE AUTOMATIQUE DE PASSERELLE D'EMBARQUEMENT**
[72] TAN, HONG SOON, SG
[72] TOH, CHEE HWEE, SG
[72] TAN, HAN LEONG, SG
[71] SINGAPORE TECHNOLOGIES DYNAMICS PTE LTD, SG
[85] 2018-02-20
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[51] **Int.Cl. E21B 7/04 (2006.01) E21B 4/04 (2006.01) E21B 7/06 (2006.01)**
[25] EN
[54] **HYBRID DRIVE FOR A FULLY ROTATING DOWNHOLE TOOL**
[54] **TRANSMISSION HYBRIDE POUR OUTIL DE FOND A ROTATION COMPLETE**
[72] NANAYAKKARA, RAVI P., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2018-02-20
[86] 2015-10-12 (PCT/US2015/055144)
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[13] A1
[51] **Int.Cl. A61B 1/015 (2006.01) A61B 1/00 (2006.01) A61M 1/00 (2006.01)**
[25] EN
[54] **HANDS-FREE ARTHROSCOPIC OUTFLOW CONTROL DEVICE**
[54] **DISPOSITIF DE COMMANDE DE SORTIE ARTHROSCOPIQUE A MAINS LIBRES**
[72] MASON, MICHAEL DOYLE, US
[71] SEACHANGE DEVELOPMENT, LLC, US
[85] 2018-02-20
[86] 2016-07-15 (PCT/US2016/042393)
[87] (WO2017/015074)
[30] US (62/194,053) 2015-07-17

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[51] **Int.Cl. C08F 8/50 (2006.01) C08F 10/06 (2006.01) C08J 11/22 (2006.01)**
[25] EN
[54] **PELLETS OF LIGHTLY VIS-BROKEN POLYPROPYLENE**
[54] **GRANULES DE POLYPROPYLENE LEGEREMENT VISCOREDUIT**
[72] BURMASTER, DOUGLAS, US
[72] MCLEOD, MICHAEL, US
[71] FINA TECHNOLOGY, INC., US
[85] 2018-02-20
[86] 2016-07-29 (PCT/US2016/044763)
[87] (WO2017/034759)
[30] US (14/832,350) 2015-08-21

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[51] **Int.Cl. A01C 7/02 (2006.01) A01C 15/02 (2006.01)**
[25] EN
[54] **POWERED HAND-HELD SPREADER**
[54] **DISPOSITIF D'EPANDAGE MOTORISE PORTATIF**
[72] HSU, PAUL E., US
[72] HAVLOVITZ, PAUL M., US
[72] BERGER, RYAN R., US
[72] CICENAS, CHRIS W., US
[72] WISNIEWSKI, DANIEL, US
[72] HERTRICH, JOHANNES, US
[71] OMS INVESTMENTS, INC., US
[85] 2018-02-20
[86] 2016-08-11 (PCT/US2016/046532)
[87] (WO2017/030894)
[30] US (62/207,608) 2015-08-20

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[13] A1
[51] **Int.Cl. G06Q 20/08 (2012.01) G06Q 20/20 (2012.01) G06Q 20/22 (2012.01) G06Q 20/40 (2012.01) G06Q 20/42 (2012.01) G06Q 40/00 (2012.01)**
[25] EN
[54] **PAYMENT DEVICES HAVING MULTIPLE MODES OF CONDUCTING FINANCIAL TRANSACTIONS**
[54] **DISPOSITIFS DE PAIEMENT DOTES DE PLUSIEURS MODES DE CONDUITE DE TRANSACTIONS FINANCIERES**
[72] ABEL, MILLER THOMAS, US
[72] MAGES, KENNETH, US
[71] TRANSWORLD HOLDINGS PCC LIMITED (S1 TECHNOLOGY CELL), GB
[71] ABEL, MILLER THOMAS, US
[71] MAGES, KENNETH, US
[85] 2018-02-20
[86] 2016-08-17 (PCT/US2016/047329)
[87] (WO2017/031198)
[30] US (62/282,991) 2015-08-17
[30] US (15/239,122) 2016-08-17

Canadian Divisional and Previously Unavailable Applications Open to Public Inspection

Demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant

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[51] **Int.Cl. G06F 19/00 (2018.01) G06Q 30/00 (2012.01)**
[25] EN
[54] **PROMPTING METHOD AND APPARATUS**
[54] **METHODE DE GUIDAGE ET APPAREIL**
[72] PAN, ZHONGGUANG, CN
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[54] **DISPOSITIF POUR STOCKER ET TRANSPORTER DES PRODUITS AQUACOLES ET PROCEDE DE STOCKAGE ET DE TRANSPORT CORRESPONDANT**
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[72] FAGIANO, GIANCARLO, FR
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[54] **PROCEDE DE CODAGE VIDEO ET APPAREIL DE CODAGE VIDEO UTILISANT DES UNITES DE PREDICTION BASEES SUR DES UNITES DE CODAGE DETERMINEES SELON UNE STRUCTURE ARBORESCENTE ET PROCEDE DE DECODAGE VIDEO ET APPAREIL DE DECODAGE VIDEO UTILISANT DES UNITES DE PREDICTION BASEES SUR DES UNITES DE CODAGE DETERMINEES SELON UNE STRUCTURE ARBORESCENTE**
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[54] **PROCEDE DE MISE A JOUR DE PARAMETRE POUR LE CODAGE ET LE DECODAGE ENTROPIQUE D'UN NIVEAU DE COEFFICIENT DE CONVERSION, ET DISPOSITIF DE CODAGE ENTROPIQUE ET DISPOSITIF DE DECODAGEENTROPIQUE D'UN NIVEAU DE COEFFICIENT DE CONVERSION UTILISANT CE PROCEDE**
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[72] KIM, JAE-HYUN, KR
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[54] **SYSTEME ET PROCEDE DE DISTRIBUTION CONTROLEE DE DONNEES DU MARCHE DANS UN ENVIRONNEMENT DE COMMERCE ELECTRONIQUE**
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[54] **PROCEDE ET DISPOSITIF DE DETERMINATION DU PORT DE TETE HABITUEL**
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[72] GAMPERLING, MICHAEL, DE
[72] CABEZA-GUILLEN, JESUS MIGUEL, DE
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[54] **SYSTEME DE COMMUNICATION OFFRANT UN ACCES PERSONNEL SUR LA BASE D'UNE COMMUNICATION EN CHAMP PROCHE ET PROCEDES ASSOCIES**
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[72] FYKE, STEVEN HENRY, CA
[72] ROSE, SCOTT DOUGLAS, CA
[72] BENDER, CHRISTOPHER LYLE, CA
[71] BLACKBERRY LIMITED, CA
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[54] **METHOD FOR INDUCING PREDICTION MOTION VECTOR AND APPARATUSES USING SAME**
[54] **PROCEDE DE GENERATION D'UN VECTEUR DE MOUVEMENT PREDIT ET DISPOSITIFS UTILISANT CE PROCEDE**
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[54] **PROCEDE ET DISPOSITIF DE CODAGE D'IMAGE POUR UNE GESTION DE TAMPON D'UN DECODEUR, ET PROCEDE ET DISPOSITIF DE DECODAGE D'IMAGE**
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[72] CHAMP, PETER, GB
[72] DESFORGES, LAURENT, FR
[72] DELEMOS, JEAN-PAUL, FR
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[54] **PROCEDES, SYSTEMES, ET DISPOSITIFS POUR DETECTER ET IDENTIFIER DES MICRO-ORGANISMES DANS DES ECHANTILLONS DE CULTURE MICROBIOLOGIQUES**
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[30] SE (0901153-7) 2009-09-04
[30] US (61/239927) 2009-09-04

[21] **2,995,496**
[13] A1
[51] **Int.Cl. A61B 17/42 (2006.01) A61B 1/303 (2006.01)**
[25] EN
[54] **ERGONOMIC, LIGHTED, UTERINE MANIPULATOR WITH CAUTERY**
[54] **MANIPULATEUR UTERIN LUMINEUX ERGONOMIQUE DOTE DE CAUTERE**
[72] SAUER, JUDE S., US
[71] LSI SOLUTIONS, INC., US
[22] 2012-06-21
[41] 2012-12-27
[62] 2,840,203
[30] US (13/165,494) 2011-06-21

[21] **2,995,530**
[13] A1
[51] **Int.Cl. G01V 1/36 (2006.01) G10L 19/03 (2013.01) G01D 5/48 (2006.01)**
[25] EN
[54] **DYNAMIC THRESHOLD METHODS, SYSTEMS, COMPUTER READABLE MEDIA, AND PROGRAM_CODE FOR FILTERING NOISE AND RESTORING ATTENUATED HIGH-FREQUENCY COMPONENTS OF ACOUSTIC SIGNALS**
[54] **PROCEDES DE SEUIL DYNAMIQUE, SYSTEMES, SUPPORTS LISIBLES PAR ORDINATEUR,_ET CODE DE PROGRAMME POUR FILTRER UN BRUIT ET RECUPERER DES COMPOSANTES HAUTE FREQUENCE ATTENUEES DE SIGNA UX ACOUSTIQUES**
[72] YANG, YUNLAI, SA
[71] SAUDI ARABIAN OIL COMPANY, SA
[22] 2014-09-12
[41] 2015-03-19
[62] 2,923,888
[30] US (61/877,117) 2013-09-12

[21] **2,995,532**
[13] A1
[51] **Int.Cl. C08L 95/00 (2006.01) B61K 13/00 (2006.01) C08J 3/12 (2006.01) C10M 101/02 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEMS FOR TRANSPORTING BITUMEN IN SOLIDIFIED FORM**
[54] **METHODE ET SYSTEMES DE TRANSPORT DE BITUME SOUS FORME SOLIDIFIEE**
[72] AULD, JAMES, CA
[72] BLEILE, JOHN, CA
[72] NIKOOYEH, KASRA, CA
[72] PREFONTAINE, AMANDA, CA
[72] STANGER, DEREK, CA
[72] WHITE, JESSE, CA
[71] CANADIAN NATIONAL RAILWAY COMPANY, CA
[22] 2017-02-17
[41] 2017-04-19
[62] 2,958,443
[30] US (62/304,589) 2016-03-07
[30] US (62/323,240) 2016-04-15
[30] US (62/411,888) 2016-10-24
[30] US (62/449,310) 2017-01-23
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[21] **2,995,533**
[13] A1
[51] **Int.Cl. E21B 43/12 (2006.01) E21B 23/08 (2006.01) E21B 33/13 (2006.01)**
[25] EN
[54] **FLOW CONTROL IN SUBTERRANEAN WELLS**
[54] **CONTROLE D'ECOULEMENT DANS LES PUITS SOUTERRAINS**
[72] SCHULTZ, ROGER L., US
[72] WATSON, BROCK W., US
[72] FERGUSON, ANDREW, US
[71] THRU TUBING SOLUTIONS, INC., US
[22] 2016-04-20
[41] 2016-10-28
[62] 2,927,918
[30] US (14/698,578) 2015-04-28

[21] **2,995,536**
[13] A1
[51] **Int.Cl. A61B 50/30 (2016.01) A61B 17/86 (2006.01) A61C 8/00 (2006.01)**
[25] FR
[54] **PACKAGING FOR AN OBJECT AND SET COMPRISING SUCH PACKAGING**
[54] **EMBALLAGE POUR OBJET ET ENSEMBLE COMPRENANT UN TEL EMBALLAGE**
[72] RICHART, OLIVIER, FR
[71] SELENIUM MEDICAL, FR
[22] 2011-04-22
[41] 2011-11-03
[62] 2,795,463
[30] FR (1053191) 2010-04-27

[21] **2,995,545**
[13] A1
[51] **Int.Cl. A61B 50/30 (2016.01) A61B 17/86 (2006.01) A61C 8/00 (2006.01)**
[25] FR
[54] **PACKAGING FOR AN OBJECT AND SET COMPRISING SUCH PACKAGING**
[54] **EMBALLAGE POUR OBJET ET ENSEMBLE COMPRENANT UN TEL EMBALLAGE**
[72] RICHART, OLIVIER, FR
[71] SELENIUM MEDICAL, FR
[22] 2011-04-22
[41] 2011-11-03
[62] 2,795,463
[30] FR (1053191) 2010-04-22

[21] **2,995,610**
[13] A1
[51] **Int.Cl. A61K 31/737 (2006.01) A61K 31/196 (2006.01) A61K 31/728 (2006.01) A61K 47/36 (2006.01) A61P 17/00 (2006.01)**
[25] EN
[54] **NEW MEDICINES FOR TOPIC USE BASED ON SULFATED HYALURONIC ACID AS ACTIVATING OR INHIBITING AGENT OF THE CYTOKINE ACTIVITY**
[54] **NOUVEAUX MEDICAMENTS A USAGE TOPIQUE A BASE D'ACIDE HYALURONIQUE SULFATE COMME AGENT D'ACTIVATION OU D'INHIBITION DE L'ACTIVITE CYTOKINIQUE**
[72] D'ESTE, MATTEO, IT
[72] GENNARI, GIOVANNI, IT
[71] FIDIA FARMACEUTICI S.P.A., IT
[22] 2010-05-14
[41] 2010-11-18
[62] 2,761,628
[30] IT (PD2009A 000134) 2009-05-14

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[21] **2,995,620**
[13] A1
[51] **Int.Cl. H03M 7/30 (2006.01)**
[25] EN
[54] **EFFICIENT DATA COMPRESSION AND ANALYSIS AS A SERVICE**
[54] **COMPRESSION ET ANALYSE EFFICACES DE DONNEES A LA DEMANDE**
[72] GUPTA, ANURAG WINDLASS, US
[71] AMAZON TECHNOLOGIES, INC., US
[22] 2014-05-22
[41] 2014-11-27
[62] 2,913,142
[30] US (13/900,350) 2013-05-22

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[21] **2,995,683**
[13] A1
[51] **Int.Cl. H01H 9/02 (2006.01) G01R 1/20 (2006.01) H01H 1/58 (2006.01) H01H 3/02 (2006.01)**
[25] EN
[54] **ELECTRICAL TEST SWITCH WITH SOLIDIFYING BASE**
[54] **COMMUTATEUR DE TEST ELECTRIQUE DOTE D'UNE BASE SOLIDIFIANTE**
[72] BOURGEOIS, JEAN-RAYMOND, CA
[71] BOURGEOIS, JEAN-RAYMOND, CA
[22] 2016-04-11
[41] 2016-10-10
[62] 2,989,641
[30] US (62/145,850) 2015-04-10

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[21] **2,995,700**
[13] A1
[51] **Int.Cl. H01T 13/50 (2006.01) F02P 23/04 (2006.01) H01T 13/28 (2006.01) H01T 13/38 (2006.01)**
[25] EN
[54] **PLASMA IGNITION PLUG FOR AN INTERNAL COMBUSTION ENGINE**
[54] **BOUGIE D'ALLUMAGE AU PLASMA POUR UN MOTEUR A COMBUSTION INTERNE**
[72] MONROS, SERGE V., US
[72] YURTH, DAVID G., US
[72] SEGOTA, DARKO, US
[71] SVMTECH, LLC, US
[22] 2014-10-16
[41] 2015-04-23
[62] 2,926,798
[30] US (61/891,551) 2013-10-16
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[21] **2,995,784**
[13] A1
[51] **Int.Cl. H04L 12/16 (2006.01) H04N 19/40 (2014.01) H04L 9/06 (2006.01) H04L 29/14 (2006.01)**
[25] EN
[54] **UPLOADING AND TRANSCODING MEDIA FILES**
[54] **TELECHARGEMENT ET TRANSCODAGE DE FICHIERS MULTIMEDIA**
[72] KRIEGER, MICHEL, US
[72] SWEENEY, SHAYNE MIKEL, US
[72] HUNT, PETER WILLIAM, US
[72] SHORTWAY, NICHOLAS PATRICK, US
[72] BRANSON, RICHARD WILLIAM, US
[72] KARPENKO, ALEXANDRE, US
[72] CHEN, CHEN, US
[72] DELIEGE, FRANCOIS CLAUDE FABIEN JEAN JULES, US
[71] FACEBOOK, INC., US
[22] 2013-12-13
[41] 2015-06-11
[62] 2,932,005
[30] US (14/097,190) 2013-12-04

Index of Canadian Patents Issued

March 13, 2018

Index des brevets canadiens délivrés

13 mars 2018

"GEOREZONANS" LTD. 2,928,816
0971065 B.C. LTD. 2,954,730
2327086 ONTARIO LTD. 2,796,812
3M INNOVATIVE PROPERTIES COMPANY 2,747,203
9128 - 5270 QUEBEC INC. 2,736,569
AARHUS UNIVERSITET 2,713,055
AB INITIO TECHNOLOGY LLC 2,823,658
ABB SCHWEIZ AG 2,800,842
ABB SCHWEIZ AG 2,828,032
ABB SCHWEIZ AG 2,899,769
ABB SCHWEIZ AG 2,973,615
ABBOTT MOLECULAR INC. 2,778,004
ABE, TAKASHI 2,916,277
ABERNETHY, TODD 2,921,421
ACCENTURE GLOBAL SERVICES LIMITED 2,684,304
ACLARA METERS LLC 2,763,878
ACTIVE PRODUCTS INTERNATIONAL LIMITED 2,742,634
ADAM, MARK 2,857,841
ADAMO, BENOIT 2,755,514
ADAMS, JOHN E. 2,780,887
ADAPTIVE BIOTECHNOLOGIES CORPORATION 2,853,088
ADEFRIS, NEGUS B. 2,747,203
ADKISSON, JAMES W. 2,719,681
ADVANCED FUSION SYSTEMS LLC 2,915,298
ADVANCED LASER MATERIALS, LLC 2,858,854
ADVANCED MECHANICAL TECHNOLOGY, INC. 2,779,013
AEM CORES PTY LTD 2,830,532
AGAPIOU, KYRIACOS 2,921,230
AGEEV, NIKITA PETROVICH 2,928,816
AGEEV, PETR GEORGIYEVICH 2,928,816
AGRAWAL, SACHIN 2,763,878
AHERN, DANIEL 2,878,520
AHMOYE, DANIEL WILLIAM 2,933,720
AHN, TAI 2,709,118
AIGUADE BOSCH, JOSE 2,799,099
AIR PRODUCTS AND CHEMICALS, INC. 2,908,328
AIR PRODUCTS AND CHEMICALS, INC. 2,924,548
AIR PRODUCTS AND CHEMICALS, INC. 2,940,432
AIRBUS DEFENCE AND SPACE GMBH 2,925,672
AIRBUS HELICOPTERS 2,889,327
AIRBUS HELICOPTERS DEUTSCHLAND GMBH 2,925,672
AIRBUS OPERATIONS GMBH 2,774,885
AISSAOUI, HAMED 2,790,139
AJAY, KEMAL 2,705,830
AKERSTROEM, BO 2,794,021
AKSIONKIN, MICHAEL 2,845,480
ALAN CHEW, HONG MENG 2,789,459
ALBRECHT, KLAUS 2,807,291
ALCO SYSTEMS SWEDEN AB 2,876,853
ALDRED, WALTER 2,734,642
ALEXANDER, O'NEAL 2,878,520
ALGOPACK 2,935,910
ALIZE PHARMA SAS 2,723,270
ALLERGAN, INC. 2,787,782
ALMIRALL, S.A. 2,799,099
AMADEUS S.A.S. 2,834,107
AMARA, NERI 2,767,183
AMATA, MARIO 2,888,274
AMAZON TECHNOLOGIES, INC. 2,859,208
AMEISS, MICHAEL 2,915,867
AMERICAN GREETINGS CORPORATION 2,903,557
AMUNDSEN, LENE 2,926,502
AN, MINGBO 2,966,939
ANDERSON, ARLEN 2,823,658
ANDERSON, DOUGLAS K. 2,700,766
ANDERSON, KRIS 2,763,362
ANDERSON, NICHOLAS WILLIAM 2,816,921
ANGLO OPERATIONS LIMITED 2,768,726
ANNUNZIATA, VINCENT P. 2,821,460
ANSUATEGUI PANZANO, MARIA DEL PILAR 2,818,951
AOI SEIKI CO., LTD. 2,912,076
APPLIED DESIGN AND ENGINEERING LTD 2,795,143
ARCAND, JEFFERY K. 2,882,629
ARCELORMITTAL 2,900,064
ARCELORMITTAL INVESTIGACION Y DESARROLLO, S.L. 2,791,007
ARCHEMIX LLC 2,897,900
ARCHER, NICOLAS 2,880,446
ARCHER, NICOLAS 2,919,602
ARCHITECTURAL DESIGN AND RESEARCH INSTITUTE OF TSINGHUA UNIVERSITY 2,933,296
ARENA PHARMACEUTICALS, INC. 2,664,398
ARF, MATTHEW 2,767,180
ARIAS, MIGUEL 2,876,853
ARMSTRONG GLOBAL HOLDINGS, INC. 2,853,517
ARNDT, MICHAELA 2,776,271
ARNOLD, GERHARD 2,918,638
ARVA, VALERIAN 2,781,258
AS IP HOLDCO, L.L.C. 2,726,405
ASH, KEVIN J. 2,780,220
ASO, TOSHIMITSU 2,912,041
ATKINSON, BRENT LEE 2,692,240
ATLAS ELEKTRONIK UK LTD 2,919,300
ATOMIC ENERGY OF CANADA LIMITED 2,766,575
ATTRI, RAVI 2,949,850
AUZERAIS, FRANCOIS M. 2,787,682
AYYASAMY, RAVI 2,804,368
BAADSGAARD, OLE 2,656,620
BABA, YASUTAKA 2,861,202
BADANTHADKA, MURALI 2,772,995
BAILEY, THOMAS F. 2,924,003
BAKER HUGHES INCORPORATED 2,894,512
BAKER HUGHES INCORPORATED 2,913,762
BAKER HUGHES INCORPORATED 2,915,492
BAKER HUGHES INCORPORATED 2,916,495
BALANCED BODY, INC. 2,767,180
BALDIGA, JONATHAN DAVID 2,912,428
BALDUS, SUSANNE 2,865,678
BALINT, BALAZS 2,875,226
BAR, YOSSEF 2,745,210
BARATIN, SYLVAIN 2,731,148
BARHORST, STEVEN 2,888,274
BARILLARI, JOSEPH DAVID 2,969,094
BARIMANI, CYRUS 2,882,583
BARKAN, ELAD PINHAS 2,883,075
BARTA, GERHARD 2,787,403
BARTFELD, BENJAMIN 2,949,850
BASF SE 2,790,161
BASF SE 2,793,687
BASF SE 2,802,454
BASU, TASSADUQ 2,845,480
BATARD, THIERRY 2,760,320
BATHIUM CANADA INC. 2,817,058
BATTLES, CHRISTOPHER A. 2,949,850
BAUER, SVEN 2,758,117
BAUMANN, ROBERT 2,790,161
BAXTER HEALTHCARE S.A. 2,862,801
BAXTER INTERNATIONAL INC 2,862,801
BAYER INTELLECTUAL PROPERTY GMBH 2,736,111
BE INTELLECTUAL PROPERTY, INC. 2,796,834

BEASE, MICHAEL 2,880,446
BEAVER, AARON 2,905,641
BECHTEL, STEFAN 2,793,687
BECKING, FRANK P. 2,779,483
BECTON DICKINSON AND COMPANY LTD. 2,912,391
BECTON, DICKINSON AND COMPANY 2,864,437
BECTON, DICKINSON AND COMPANY 2,949,850
BEERS, BRADLEY A. 2,923,241
BEHAR-COHEN, FRANCINE 2,604,452
BEHR, BRADFORD B. 2,776,235
BEIJING UGETLIGHT CO., LTD. 2,904,417
BELASKIE, JAMES 2,734,642
BELL HELICOPTER TEXTRON INC. 2,882,785
BELMONDO, ARMANDO 2,800,775
BENEDICT, CLAUDE 2,897,900
BENEDICT, MICHAEL ALEXANDER 2,919,117
BENET BUCHHOLZ, JORDI 2,788,024
BENEZRA, DAVID 2,604,452
BENKLEY, JAMES ROBERT 2,910,664
BENNETT, STEVEN 2,741,177
BENTLEY, JAMES 2,812,692
BENTZ, JEDIDIAH O. 2,923,241
BERENGUER MAIMO, RAMON 2,788,024
BERGERON, STEPHANE 2,821,987
BERKEL, PATRICK VAN 2,802,782
BERNADO, LAURA 2,753,721
BERNDT, KLAUS W. (DECEASED) 2,864,437
BERNING, CHRISTIAN 2,882,583
BERUVIDES, MARIO G. 2,733,896
BEST-KOBO, CO., LTD. 2,889,874
BEWLAY, BERNARD PATRICK 2,911,765
BEYER, BRIAN M. 2,678,749
BHATT, PADMANABH P. 2,795,408
BHATTACHARJEE, SUVEN 2,902,800
BHATTI, RAVIPAL SINGH 2,944,105
BIEL, MARKUS CHRISTIAN 2,790,161
BIELAS, JASON H. 2,853,088
BIESHEUVEL, AREND CORNELIS JACOBUS 2,759,897
BIGEY, PASCAL 2,604,452
BIGGS, JEHANN 2,787,644
BING INNOVATIONS, LLC 2,756,890
BIOATLA, LLC 2,822,969
BIOTEC SISTEMI S.R.L. 2,710,975
BIRD, THOMAS G. 2,709,118
BIRNBACH, CURTIS A. 2,915,298
BIS, TOMASZ 2,691,259
BISCHOFF, REMY 2,839,664
BISHOP, MERRILL E. 2,726,624
BIVANS, MATTHEW 2,862,801
BJORN, LARS NORGAARD 2,525,248
BLACKBERRY LIMITED 2,775,371
BLACKBERRY LIMITED 2,786,349
BLACKBERRY LIMITED 2,816,921
BLACKBERRY LIMITED 2,908,747
BLACKBURN, DAVID R. 2,944,877
BLAINE, ALYSSON HEATHER 2,890,965
BLASKOVICH, PHILLIP 2,730,598
BLATTNER, AMANDA R. 2,846,912
BLEEKER, WIM 2,802,782
BLEVIS, IRA 2,786,110
BLOMQUIST, CHRISTOPHER W. 2,899,291
BLONG, ROBERT 2,877,831
BLOQUEL, CAROLE 2,604,452
BODEN, JOHN T. 2,747,203
BOETTGER, KARL 2,705,830
BOGATSCH, MAIK 2,924,257
BOGDANSKI, SHARON 2,903,557
BOHN, THOMAS B. 2,931,199
BOMBARDIER RECREATIONAL PRODUCTS INC. 2,803,529
BONDY, CRAIG M. 2,882,629
BOODOOSINGH, NARINE 2,814,000
BOOTH, RICHARD BENTON 2,858,854
BORDIGNON, MICHEL ROGER LOUIS 2,900,064
BORG, TOMAS 2,828,032
BORGHI, GIANNI 2,791,250
BORN, THOMAS 2,917,749
BORTOLOTTO, LAURENT 2,925,672
BOSTON SCIENTIFIC SCIMED, INC. 2,878,167
BOUCHARD, MAGELLA 2,746,924
BOUHNIK, JEAN-PAUL 2,786,110
BOUL, PETER JAMES 2,914,711
BOUL, PETER JAMES 2,921,230
BOURBONNAIS, ALAIN 2,821,987
BOWMAN, HEATH 2,795,740
BOWMAN, JAMES M. 2,706,774
BOZANO, STEFANO 2,710,975
BRAIN, ARCHIBALD IAN JEREMY 2,812,639
BRAND, EPHRAIM 2,762,894
BRANDT, ANDREW CLYDE 2,892,316
BRASCHE, GORDON 2,790,161
BRENNEIS, DARRELL CHAD 2,910,664
BRIGGS, RICK A. 2,865,343
BRIZZI, MARIA FELICE 2,723,270
BROCK, CHRISTOPHER W. 2,902,855
BRODEN, DAVID ANDREW 2,923,150
BROMBOLICH, JEFFREY SCOTT 2,959,369
BRONSTON, DARYA KATHLEEN 2,767,180
BROOKHAVEN SCIENCE ASSOCIATES, LLC 2,692,240
BROOM, NICHOLAS PETER 2,739,214
BROTHERS, LANCE EVERETT 2,921,230
BROUSSEAU, IVAN 2,803,529
BROWN, H. ALEX 2,768,940
BRUNO, ALAIN 2,875,226
BRYCE, DAVID 2,767,428
BTA INTERNATIONAL GMBH 2,710,975
BUCKINGHAM MANUFACTURING CO., INC. 2,899,484
BUCKINGHAM MANUFACTURING COMPANY, INC. 2,928,079
BUENO, CLIFFORD 2,911,765
BURBIDGE, RICHARD CHARLES 2,816,921
BURDETTE, JEFF 2,777,844
BURGER, MARGA RETHA 2,768,726
C.M.C. S.R.L. - SOCIETA UNIPERSONALE 2,791,250
CABELA'S INCORPORATED 2,788,883
CABRERA, RICHARD 2,777,844
CAE INC 2,925,796
CAI, JINJUN 2,862,131
CALMETTES, THIBAUD 2,796,623
CALVERT, SCOTT 2,980,897
CANBIOCIN INC. 2,890,965
CANFIELD, DEFOREST 2,899,484
CANIMEX INC. 2,821,987
CANTONI GRUAS Y MONTAJES S.R.L. 2,804,579
CANTONI, MARCELO RICARDO 2,804,579
CANTONI, SEBASTIAN 2,804,579
CAO, GENGZHEN 2,862,131
CAPPELLE, MARK 2,702,876
CARBONARI, RAQUEL 2,787,644
CARBONNEAU, JUSTIN 2,791,515
CARLSON, DENISE RACHEL 2,890,965
CARLSSON, PONTUS 2,924,315
CARMICHAEL, GRANT E. 2,923,241
CARRA, ROLAND 2,710,975
CARRICK, CHRISTOFHER 2,750,815
CARTER, DANIEL PATRICK 2,882,900
CASAS NORIEGA, WILSON WILLY 2,774,885
CASTANO LANTERO, AURELIO 2,916,181
CATONI, JOHN GERARD 2,799,558
CATTIN, JAMES 2,877,831
CATURLA JAVALOYES, JUAN FRANCISCO 2,799,099
CELLUTECH AB 2,750,815
CENKO, ANDREW T. 2,776,235
CERTAIN, NICOLAS 2,889,327
CERTAINTEED CORPORATION 2,892,316
CERULEAN PHARMA INC. 2,830,174
CETTI, JONATHAN ROBERT 2,884,857
CHAMBERS, JAMES W. 2,924,003
CHAMPION ELITE COMPANY LIMITED 2,682,599
CHANG, ESTHER H. 2,692,546
CHAO, TIEN-CHIEH 2,931,285
CHATTERJEE, DILIP K. 2,824,761
CHATTERJI, JITEN 2,910,664
CHAU, THYNA M. 2,878,167
CHAUDHARI, ANITA 2,772,995
CHAUTHAIWALE, VIJAY 2,772,995
CHEDEAU, CHRISTOPHER SERGE BENJAMIN 2,917,976
CHEEDELLA, SHIVA K. K. 2,804,368
CHEMLINK LABORATORIES, LLC 2,768,112

Index of Canadian Patents Issued
March 13, 2018

CHEN, I-JEN 2,875,226
CHEN, SHIRONG 2,936,479
CHEN, WEN Y. 2,753,804
CHEN, XINGCHAO 2,918,488
CHEN, XIRAN 2,904,417
CHEN, ZHIQIANG 2,919,744
CHENEVERT, FRANCOIS 2,803,529
CHENG, XU 2,722,663
CHENG, YU CHU 2,924,677
CHERRIER, MARTIN C. 2,664,398
CHEW, JOON YIP 2,789,459
CHHIPA, LAXMIKANT 2,772,995
CHINEN, MITSURU 2,738,466
CHO, JAEMAN 2,966,939
CHOI, CHUN WAI 2,959,369
CHOI, JEONG-YONG 2,897,599
CHOI, JIN SUN KAROLINE 2,664,398
CHOI, KWANG-PYO 2,897,599
CHUNG, ROBERT 2,733,424
CIABRINI, DAMIEN 2,834,107
CIDRA CORPORATE SERVICES INC. 2,852,676
CINNAFILM, INC. 2,783,836
CIRILLO, AGOSTINO 2,880,060
CIRILLO, AGOSTINO 2,880,061
CLAREY, ANDREW 2,921,421
CLARK, CHRISTOPHER J. 2,878,167
CLEARFIELD, HOWARD M. 2,741,274
CLENE NANOMEDICINE, INC. 2,767,428
COATES, RICHARD T. 2,787,682
COIGNET, PHILIPPE A. 2,751,155
COKER, CHRISTOPHER F. 2,824,761
COLBERG, CARSTEN 2,774,885
COLEMAN, JOHN 2,756,890
COLLINS, JOHN B. 2,700,766
COLLINS, TERRY R. 2,733,896
COLLOCA, STEFANO 2,880,060
COLLOCA, STEFANO 2,880,061
COLVIN, HOWARD 2,957,666
COMCAST CABLE COMMUNICATIONS, LLC 2,692,180
COMCAST CABLE COMMUNICATIONS, LLC 2,871,188
COMPTON, DENNIS R. 2,805,402
COMPUTER SCIENCES CORPORATION 2,715,378
CONDOR CHIMIQUES INC. 2,746,694
CONFLUENT SURGICAL, INC. 2,730,598
CONROD, BRYAN JEFFREY 2,923,211
CONSOLI, LUCIANO 2,919,562
COOLIDGE, MICHAEL 2,967,518
COON, JOHN S. 2,778,004
COOPER TECHNOLOGIES COMPANY 2,825,387
COOPER TIRE & RUBBER COMPANY 2,957,666
CORDDRY, MATTHEW T. 2,859,208
CORMAN, GREGORY SCOT 2,921,729
CORNING OPTICAL COMMUNICATIONS LLC 2,794,138
CORRECT MOTION INC. 2,935,573
CORWIN, KENNETH 2,862,801
COSSETTE, ROMEO N. 2,882,629
COSTA, DANIEL S. 2,730,598
COTE, MONIQUE L. 2,794,138
COTNOIR, THIERRY 2,803,529
COTTA, NICOLAS 2,791,515
COTTON, FREDERIC 2,817,058
COVIDIEN LP 2,779,483
COVIDIEN LP 2,904,700
COX, CLAIR ARTHUR 2,766,575
COYLE, RYAN M. 2,815,599
CRADDOCK, DAVID 2,800,629
CRADDOCK, DAVID 2,800,636
CRAWFORD, JAMIESON W. 2,949,850
CREO MEDICAL LIMITED 2,802,586
CREO MEDICAL LIMITED 2,802,587
CRONJE, MARIANNE JACQUELINE 2,858,325
CROSS, KIMBERLY JANTUNEN 2,835,884
CROWN EQUIPMENT CORPORATION 2,845,826
CROWN PACKAGING TECHNOLOGY, INC. 2,787,546
CROWN PACKAGING TECHNOLOGY, INC. 2,802,053
CSEKEI, MARTON 2,875,226
CULLER, SCOTT R. 2,747,203
CURLISS, DAVID B. 2,933,035
CUTLER REPAVING, INC. 2,925,920
CYANAGEN S.R.L. 2,742,025
CZINK, NICOLAI 2,753,721
D MORRISON CONSULTING INC. 2,818,009
DAGGETT, ROBERT 2,636,811
DAHLGREN, ATTI-LA 2,793,555
DAHLGREN, JOHN 2,793,555
DAIN, DAVID 2,795,408
DALTON, JAMES T. 2,709,118
DAUMER, MARTIN 2,776,271
DAVIDSON, JAMES EDWARD PAUL 2,875,226
DAVIDSON, MARK J. 2,917,808
DAVIES, TIMOTHY 2,880,446
DAVIS, MICHAEL A. 2,852,676
DAVIS, RUTH ANN 2,940,432
DE BEER, NICHOLAS C. 2,779,483
DE GRAAFF, WOUTER 2,931,559
DECISIVE FARMING CORP. 2,967,518
DECKERD, ANNIE 2,903,557
DEKAMO, SHINGO 2,877,070
DEKONINCK, ALEXANDRA 2,817,481
DELAMARCHE, EMMANUEL 2,755,298
DELECROIX, OLIVIER 2,889,327
DELLA CIANA, LEOPOLDO 2,742,025
DELTA FAUCET COMPANY 2,835,135
DENNIS, JOHN LEWIS 2,910,664
DENOMME, RYAN CAMERON 2,800,526
DERKACZ, PATRICK ROBERT 2,933,720
DESHPANDE, SHAILESH 2,772,995
DEVITT, ANDREW 2,860,653
DEWALD, PAUL 2,929,136
DEWALD, PAUL 2,929,544
DEWALD, PAUL 2,929,816
DEWARS, COLIN 2,936,561
DEXTRADEUR, ALAN J. 2,531,331
DIALIGHT CORPORATION 2,916,271
DICKASON, DAVE 2,709,118
DICKIE, ROBERT G. 2,818,009
DICKOPF, KAI 2,872,215
DIETRICH, AXEL 2,784,565
DIGITAL ENVOY, INC. 2,777,844
DIHORA, JITEN ODHAVJI 2,884,857
DITTMAR, JAN 2,774,885
DOLBY INTERNATIONAL AB 2,920,963
DOLBY INTERNATIONAL AB 2,924,315
DOLBY LABORATORIES LICENSING CORPORATION 2,840,548
DONALD, GARTH 2,967,518
DORFMAN, ADAM 2,767,428
DORJI, SINGAY 2,793,555
DORJI, TASHI YANGZOME 2,793,555
DOSA, PETER I. 2,664,398
DOW GLOBAL TECHNOLOGIES LLC 2,741,274
DOYE, CHRISTIAN 2,729,439
DRECHSLER, UTE 2,755,298
DREWES, STEPHAN 2,924,257
DRICOT, ROLAND 2,731,725
DROR, UZI 2,786,110
DUAN, HONGCHANG 2,862,131
DUBOIS, SAMUEL 2,821,987
DUBOIS, ZERLINA GUZDAR 2,884,857
DUDKIEWICZ, STEVEN M. 2,919,222
DUIS, JAMES JOSEPH 2,802,454
DULOCK, SCOTT 2,715,378
DUNIETZ, JERRY 2,845,480
DUNLOP, JONATHAN 2,734,642
DUPONT NUTRITION BIOSCIENCES APS 2,788,148
DUR, GERD 2,940,193
DURANT, YVON 2,784,024
DUTT, CHAITANYA 2,772,995
E.I. DU PONT DE NEMOURS AND COMPANY 2,732,510
EASON, HAROLD R. 2,946,319
EASTER, MARK R. 2,919,737
EASTON, JANET 2,800,629
ECOLAB INC. 2,724,530
ECOLAB INC. 2,773,412
ECOLAB USA INC. 2,846,912
EDELSON, RICHARD L. 2,797,965
EDWARDS, LEWIN ALEKSIS ROGER WILLIAM 2,814,000
EGAN, LUKE 2,802,454
EHARD, STEFAN 2,925,672
EHRLICH, DAVID 2,821,460
EIS-HUBINGER, ANNA-MARIA 2,776,271
ELLIOTT, SHAYNE 2,848,077
ELLIS-MONAGHAN, JOHN J. 2,719,681
EMERSON PROCESS MANAGEMENT POWER & WATER SOLUTIONS, INC. 2,722,663
ENDRES, GUENTER 2,803,183
ENERGY HUB 2,713,702
ENGLEMAN, PETER G. 2,762,826
ENI S.P.A. 2,789,383
ENNS, JOHN B. 2,756,213
ENTECHO PTY LTD 2,914,838

EPSTEIN, DAVID 2,897,900
ERCOLE, BRUNO BRUNI 2,880,060
ERCOLE, BRUNO BRUNI 2,880,061
ERICKSON, DWIGHT D. 2,747,203
ERIKSEN, UFFE 2,732,577
ESHED-KANER, ROTEM 2,762,894
ETHICAL SOLUTIONS, LLC 2,700,766
ETHICON, INC. 2,772,252
ETHICON, INC. 2,799,916
EURENCO 2,784,311
EVANS, CHRIS 2,756,890
EVANS, NIGEL 2,876,853
EVE RESEARCH INC. 2,759,130
EVOLUTION ENGINEERING INC. 2,933,720
EVONIK DEGUSSA GMBH 2,918,638
EVONIK ROHM GMBH 2,818,951
EXNER, EVELYN 2,776,271
EXTHERA MEDICAL CORPORATION 2,786,550
EXXONMOBIL UPSTREAM RESEARCH COMPANY 2,886,212
F. HOFFMANN-LA ROCHE AG 2,872,215
F. HOFFMANN-LA ROCHE AG 2,896,616
F. HOFFMANN-LA ROCHE AG 2,922,754
F.B. BALZANELLI AVVOLGITORI S.P.A. 2,850,211
F.HOFFMANN-LA ROCHE AG 2,865,678
FACEBOOK, INC. 2,917,976
FACEBOOK, INC. 2,969,094
FAGLEY, WALTER STONE THOMAS, IV 2,895,734
FAHRNY, JAMES W. 2,692,180
FALLA, GLORIA 2,888,301
FANG, SHENG 2,894,512
FARIES, DURWARD I. 2,815,870
FARINHA, ANA ISABEL 2,900,064
FARKAS, JULIUS 2,732,694
FARLEY, STEVEN E. 2,776,080
FARRELL, MARK 2,800,629
FELFER, ULFRIED 2,766,801
FERNANDEZ ALVAREZ, LUIS JOAQUIN 2,916,181
FERRARI, EUGENIO 2,915,148
FERRING B.V. 2,692,240
FERTNER, ANTONI 2,688,059
FIELDS, BRIAN 2,802,053
FILOSI, ANDREAS 2,843,638
FINE, DAVID 2,734,785
FINKE, MICHAEL DEWAYNE 2,931,598
FINNERTY, CAINE M. 2,929,136
FINNERTY, CAINE M. 2,929,544
FINNERTY, CAINE M. 2,929,816
FIRST QUALITY BABY PRODUCTS, LLC 2,795,046
FISHLER, ALEXANDER 2,786,110
FITZ, MATTHEW 2,795,740
FITZWATER, KELLY R. 2,928,099
FLICKINGER, MARC ADAM 2,884,857
FLOAT, JAMISON JOSEPH 2,897,410
FLOORING INDUSTRIES LIMITED, SARL 2,702,876
FLOREZ CASTRO, ALBERTO 2,916,181
FMC KONGSBERG SUBSEA AS 2,837,632
FONG, MO-HAN 2,775,371
FONQUERNA POU, SILVIA 2,799,099
FORBES, JAMES W. 2,691,259
FORD, RANDOLPH K. 2,796,812
FORSGREN, ARNE 2,636,566
FOUREZ, PABLO 2,915,867
FOWLER, JAMES 2,636,811
FOWLER, PAUL M. 2,870,094
FRADER-THOMPSON, SETH 2,713,702
FRANZKE, AXEL 2,790,161
FRANZMANN, DIRK 2,882,583
FRASER, KEVIN S. 2,919,026
FRAZIER, BRENT M. 2,794,138
FRED HUTCHINSON CANCER RESEARCH CENTER 2,853,088
FRETZ, HEINZ 2,790,139
FRIEDER, OPHIR 2,710,392
FRIEDMAN, ROBERT 2,777,844
FRIEND, WILLIAM D., JR. 2,895,734
FRIGGERI, ADRIEN THOMAS 2,917,976
FRINK, DARIN LEE 2,859,208
FRIPP, MICHAEL L. 2,917,675
FRITO-LAY NORTH AMERICA, INC. 2,901,842
FRITSCHI, RAINER 2,726,082
FRITZ, MICHAEL 2,877,831
FRONCIONI, ANDY 2,733,424
FU, XIN 2,936,479
FUCHS, JOCHEN 2,892,098
FUJIFILM CORPORATION 2,861,202
FUJISAWA, AKITOSHI 2,938,392
FUJIWARA, HIDEYASU 2,861,202
FUKUDA, KENICHI 2,943,335
FULLER, KEVIN 2,786,526
FURMAN, DENNIS L. 2,772,252
FUTAMURA, TAKASHI 2,794,620
GAFFNEY, JOHN TRAVIS 2,757,085
GAGE, WILLIAM ANTHONY 2,908,747
GAMBINO, JEFFREY P. 2,719,681
GANDHI, DEEPTHI 2,781,258
GANO, JOHN C. 2,917,675
GAO, XIONGHOU 2,862,131
GAO, ZHI 2,974,224
GARAVUSO, MICHAEL 2,814,000
GARDAN, SOPHIE 2,750,449
GARMIN SWITZERLAND GMBH 2,733,424
GARRETT THERMAL SYSTEMS LIMITED 2,705,830
GARVEY, PAUL W. 2,882,629
GAUTHIER, MICHEL 2,817,058
GE JENBACHER GMBH & CO OG 2,892,098
GE JENBACHER GMBH & CO OG 2,901,838
GEA MECHANICAL EQUIPMENT GMBH 2,804,888
GENENCOR INTERNATIONAL, INC. 2,915,148
GENERAL CABLE TECHNOLOGIES CORP. 2,919,737
GENERAL ELECTRIC COMPANY 2,714,761
GENERAL ELECTRIC COMPANY 2,786,110
GENERAL ELECTRIC COMPANY 2,911,765
GENERAL ELECTRIC COMPANY 2,912,428
GENERAL ELECTRIC COMPANY 2,921,729
GENESTE, OLIVIER 2,875,226
GENMAB A/S 2,656,620
GENMAB A/S 2,802,782
GENO LLC 2,734,785
GEOFFROY, DENIS 2,817,058
GEORGETOWN UNIVERSITY 2,692,546
GEORGETOWN UNIVERSITY 2,710,392
GERKENS, PASCAL 2,900,064
GERRARD, DARREN R. 2,746,298
GESTION JACQUES QUIRION INC. 2,895,889
GHIGO, EZIO 2,723,270
GHOSH, CHANCHAL KUMAR 2,884,857
GIASOLLI, ROBERT M. 2,862,856
GIESECKE+DEVRIENT MOBILE SECURITY GMBH 2,758,117
GIESECKE+DEVRIENT MOBILE SECURITY GMBH 2,803,183
GILL, TIMOTHY MICHAEL 2,739,214
GINESTE, MATHIEU 2,790,609
GINGRICH, JEFFREY R. 2,662,172
GISELBRECHT, KARL-HEINZ 2,766,801
GISLADOTTIR, DORA HLIN 2,778,090
GLASS, EDWARD A. 2,959,369
GLENDENNING, SEAN PETER SCOTT 2,901,082
GODESET, OTTO 2,810,363
GOLDBERG, STEVEN 2,756,890
GOLDEN, CRAIG S. 2,870,094
GOLE', REMY 2,834,107
GOMES, JEAN-MANUEL 2,878,520
GONZALEZ ALEMANY, MIGUEL ANGEL 2,916,181
GONZALEZ PANTIGA, JUAN DOMINGO 2,916,181
GOODRICH, PETER 2,763,362
GOOGLE LLC 2,795,525
GORDON, MARK 2,802,454
GOSTRER, ALEXANDER 2,736,000
GRACE PROCUREMENTS LLC 2,624,619
GRANDI, GUIDO 2,699,513
GRANT, EWART 2,880,446
GRANT, EWART 2,919,602
GRAPHIC PACKAGING INTERNATIONAL, INC. 2,878,520
GRAPHIC PACKAGING INTERNATIONAL, INC. 2,928,099
GRATE, DILARA 2,897,900
GREALY, GARY P. 2,734,116
GREEN, TANNER W. 2,890,461
GREER, JOSEPH 2,783,836
GREET, CHRISTOPHER 2,918,638

GREGG, THOMAS 2,800,629
GREGG, THOMAS 2,800,636
GREINER, DAN 2,800,636
GROMOLL, BERND 2,913,947
GROMOLL, BERND 2,915,306
GTX, INC. 2,709,118
GUAN, LEI 2,886,413
GUANGDONG MIDEA KITCHEN APPLIANCES MANUFACTURING CO., LTD. 2,918,488
GUANGDONG MIDEA KITCHEN APPLIANCES MANUFACTURING CO., LTD. 2,966,939
GUAY, DANIEL 2,726,859
GUBAREV, ANDREY 2,795,525
GUDMUNDSSON, GUDMUNDUR PHD 2,778,090
GUERRIER, PAUL 2,829,146
GUILLORY, BRITTNEY N. 2,914,711
GUILLOT, DOMINIQUE 2,787,682
GUPTA, LOKESH M. 2,780,220
GUPTA, RAMESH CHANDRA 2,772,995
GUTERMANN AG 2,909,902
GVBB HOLDINGS S.A.R.L. 2,757,972
GW PHARMA LIMITED 2,794,620
GYELTSHEN, SHERUB 2,793,555
HAAS, JOHN D. 2,747,203
HACHTEL, STEPHANIE 2,784,565
HAGER, TOM 2,760,160
HAGGLUND, RICKARD 2,867,392
HAGIWARA, SHINJI 2,861,202
HAHN, GUNTER 2,882,583
HAIER US APPLIANCE SOLUTIONS, INC. 2,919,117
HAJIAN, ARSEN R. 2,776,235
HAKULI, MIKKO 2,761,075
HALL, DIAU P. 2,815,599
HALL, JON R. 2,925,386
HALLIBURTON ENERGY SERVICES, INC. 2,824,761
HALLIBURTON ENERGY SERVICES, INC. 2,882,900
HALLIBURTON ENERGY SERVICES, INC. 2,890,461
HALLIBURTON ENERGY SERVICES, INC. 2,910,664
HALLIBURTON ENERGY SERVICES, INC. 2,912,201
HALLIBURTON ENERGY SERVICES, INC. 2,913,251
HALLIBURTON ENERGY SERVICES, INC. 2,914,711
HALLIBURTON ENERGY SERVICES, INC. 2,917,675
HALLIBURTON ENERGY SERVICES, INC. 2,921,230
HALLIBURTON ENERGY SERVICES, INC. 2,923,454
HALLIBURTON ENERGY SERVICES, INC. 2,926,387
HALLIBURTON ENERGY SERVICES, INC. 2,931,598
HALPERIN, JOSE 2,612,303
HAMADA, TOMOYUKI 2,923,683
HAMANN, INGO 2,918,638
HAMBERGER, PETER 2,910,674
HAMMOND, EDWARD 2,795,143
HAMMOND, SYDNEE MARIE 2,913,762
HAN, JEFFERSON Y. 2,749,607
HANCOCK, CHRISTOPHER PAUL 2,802,586
HANCOCK, CHRISTOPHER PAUL 2,802,587
HANSSON, STEFAN 2,794,021
HARBISON, CAROLE 2,915,148
HARBISON-FISCHER, INC. 2,733,129
HARDACRE, CHRIS 2,763,362
HARDIE, DAVID 2,919,300
HARMON, ROBERT 2,882,785
HARR, JOAKIM 2,800,548
HARROD, GREGORY RALPH 2,923,241
HARTWELL, EDWARD 2,691,729
HARTWIG, BENEDIKT 2,818,951
HASCH, WOLFGANG 2,795,485
HASEGAWA, TSUKASA 2,889,874
HASHBERGER, FRANK E. 2,796,834
HATCH LTD. 2,919,026
HAYWOOD, NICHOLAS JOHN 2,921,096
HAZEMANN, JULIEN 2,790,139
HBI BRANDED APPAREL ENTERPRISES, LLC 2,888,301
HE, YANG 2,821,368
HEBBORN, KEVIN A. 2,916,271
HEBENSTREIT, JOSEPH 2,777,844
HEDTKE, ROBERT C. 2,916,108
HEIDELBERG IMMUNOTHERAPEUTICS GMBH 2,776,271
HEIDENFELDER, THOMAS 2,790,161
HEIDRICH, WOLFGANG 2,840,548
HEINEMANN, MICHAEL 2,785,593
HEINRICH, BRIAN 2,880,446
HEINRICH, BRIAN 2,919,602
HELSPER, DAVID 2,777,844
HENDRICKS, WILL EDGAR 2,882,900
HENKEL, HARTMUT 2,785,593
HENRY, SCOTT 2,715,378
HEO, YOUN HYOUNG 2,775,371
HEPGUVENDIK, HASAN ALPER 2,933,720
HERAKLES 2,799,707
HERBERG, WOLF-DIETRICH 2,804,888
HERMANSON, ERIC M. 2,821,460
HEWLETT, PHIL 2,954,730
HEYRING, CHRISTOPHER BRIAN 2,799,558
HIGUCHI, NAOHIRO 2,956,496
HILL, THOMAS 2,794,620
HILLEN, FRIEDHELM 2,892,098
HILTI AKTIENGESELLSCHAFT 2,760,160
HIRATA, YUICHIROU 2,885,336
HIRES, GREGORY R. 2,949,850
HIRT, MARK 2,924,257
HISS, KATRIN 2,784,565
HITACHI CHEMICAL COMPANY, LTD. 2,839,313
HITACHI CONSTRUCTION MACHINERY CO., LTD. 2,923,683
HITCHINER, ALAN 2,918,638
HIWADA, KIYOYASU 2,926,327
HOAG, GEORGE E. 2,700,766
HOBART BROTHERS COMPANY 2,888,274
HODGE, CHARLES A. 2,846,912
HOEKSTRA, THOMAS 2,759,897
HOELLING, MARC 2,774,885
HOFACKER, OLIVER 2,729,439
HOFFMAN, RAINER 2,926,502
HOGG, ROBERT LESLIE SCOTT 2,787,177
HOLECEK, ALES 2,845,480
HOLLAND, KRISTIAN J. K. 2,756,221
HOLMSTADT, CLARENCE EDWARD 2,923,141
HOLTSCLAW, JEREMY 2,923,454
HONDA MOTOR CO., LTD. 2,916,277
HONEKAMP, JACOB R. 2,915,492
HONEYWELL INTERNATIONAL INC. 2,706,774
HONEYWELL INTERNATIONAL INC. 2,729,393
HONEYWELL INTERNATIONAL INC. 2,814,000
HONG, DAVID 2,709,118
HOOD, JOHN 2,770,116
HOSHIBA, TAKASHI 2,839,313
HOTTA, YUTAKA 2,911,738
HOU, GUORU 2,931,882
HOU, JAMES S. T. 2,742,634
HOU, JIANQUN 2,933,296
HRISTOV, KRASIMIRA 2,772,252
HU, JIANPENG 2,936,479
HUANG, BIN 2,918,488
HUANG, CHIN-TIEN 2,911,988
HUANG, SUN-YI 2,634,745
HUANG, XIAOLIANG 2,862,131
HUARD, ANDREW 2,917,947
HUAWEI TECHNOLOGIES CO., LTD. 2,886,413
HUAWEI TECHNOLOGIES CO., LTD. 2,914,110
HUAWEI TECHNOLOGIES CO., LTD. 2,936,479
HUBER ENGINEERED WOODS LLC 2,736,733
HUEBSCHLE, THOMAS 2,784,565
HUMPHREYS, LUKE 2,788,883
HUNDT, GREGORY ROBERT 2,910,664
HUNGERFORD, MICHAEL 2,862,801
HURLEY, PETER ANTHONY 2,787,177
HUTCHINS, VIRGINIA TZUNG-HWEI 2,884,857
HUTCHINSON 2,731,148
HYDRONOVATION, INC. 2,886,410
IDORSIA PHARMACEUTICALS LTD 2,790,139
IHDE, JEFFERY RAY 2,924,211
ILLINOIS TOOL WORKS INC. 2,924,211

ILLINOIS TOOL WORKS, INC. 2,882,629
IMAI, TOSHIYASU 2,789,641
IMANISHI, HIROYUKI 2,909,840
INDEXATOR ROTATOR SYSTEMS AB 2,800,548
INGRAM, GARY D. 2,895,734
INGRAM, RICHARD N. 2,678,749
INNOVA PATENT GMBH 2,940,193
INOUE, KAZUHIDE 2,789,641
INSERM (INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE) 2,604,452
INSTITUT NATIONAL DE LA RECHERCHE SCIENTIFIQUE (INRS) 2,726,859
INTACT VASCULAR, INC. 2,862,856
INTEGRA LIFESCIENCES SWITZERLAND SARL 2,531,331
INTERNATIONAL BUSINESS MACHINES CORPORATION 2,719,681
INTERNATIONAL BUSINESS MACHINES CORPORATION 2,738,466
INTERNATIONAL BUSINESS MACHINES CORPORATION 2,755,298
INTERNATIONAL BUSINESS MACHINES CORPORATION 2,780,204
INTERNATIONAL BUSINESS MACHINES CORPORATION 2,780,220
INTERNATIONAL BUSINESS MACHINES CORPORATION 2,780,258
INTERNATIONAL BUSINESS MACHINES CORPORATION 2,800,629
INTERNATIONAL BUSINESS MACHINES CORPORATION 2,800,636
INTERNATIONAL INSTITUTE OF CANCER IMMUNOLOGY, INC. 2,757,764
ION GEOPHYSICAL CORPORATION 2,787,158
IRISSOU, ERIC 2,726,859
ISHIGAKI COMPANY LIMITED 2,917,488
ISHIHATA, TAKATO 2,885,336
ISNARDY, LUC 2,834,107
ITOGA, MICHITARO 2,911,738
ITOH, TERUAKI 2,912,076
IVESTER, CLARENCE 2,796,834
IWANO, YOSHIHIRO 2,883,509
IYER, SRIDHAR G. 2,802,454
IZAWA, HIDEO 2,771,946
JACKSON, ROBERT J. 2,634,745
JACQUEMONT, JACKY 2,838,307
JAMADARKHANA, PRASHANT G. 2,772,995
JAMES, LUCAS 2,803,581
JAMIESON, BARBARA 2,880,446
JANG, YUN-KYU 2,761,088
JANSSEN, JONATHAN SEBASTIAN 2,911,765
JASTI, VENKATESWARLU 2,907,620
JAVITA (SHANGHAI) NEW ENERGY INVESTMENT CO., LTD. 2,933,296
JAY, RAYMOND G. 2,794,138
JAYCOCK, ANDREW PETER 2,697,085
JENSEN, JENS DAHL 2,729,439
JENSEN, RASMUS STIG 2,909,342
JHA, ANIL D. 2,886,410
JI, CHANGGAN 2,914,960
JIANG, BAOMING 2,726,131
JIANG, XUWEI 2,927,620
JOERGENSEN, TINA 2,788,148
JOH. FRIEDRICH BEHRENS AG 2,807,291
JOHANSSON, BORJE 2,973,615
JOHANSSON, DANIEL 2,828,032
JOHNSON & JOHNSON VISION CARE, INC. 2,756,213
JOHNSON & NICHOLSON (M) SDN BHD 2,789,459
JOHNSON CONTROLS TECHNOLOGY COMPANY 2,923,241
JOHNSON MATTHEY PUBLIC LIMITED COMPANY 2,817,058
JOHNSON MATTHEY PUBLIC LIMITED COMPANY 2,880,446
JOHNSON MATTHEY PUBLIC LIMITED COMPANY 2,919,602
JOHNSON, BRUCE A. 2,877,831
JOHNSON, BRYAN 2,734,785
JOHNSON, KATHERINE L. 2,741,274
JOHNSON, TIMOTHY ALLEN 2,901,842
JOHNSTON, BRIAN KEITH 2,908,328
JONES, DAVID MICHAEL 2,795,943
JOUSSELIN, OLIVIER 2,732,571
JURGENS, MICHAEL 2,925,672
JUSSILA, VELI-MATTI ILARI 2,789,081
KABUSHIKI KAISHA KOBE SEIKO SHO (KOBE STEEL, LTD.) 2,938,392
KABUSHIKI KAISHA NIHON MICRONICS 2,926,327
KADEREIT, DIETER 2,784,565
KAJANTO, ISKO 2,781,757
KAKIUCHI, TETSUYA 2,938,392
KALDI PHARMA 2,750,449
KALINOWSKI, CAITLIN E. 2,969,094
KANBARA, HISASHIGE 2,839,313
KANDULA, RAMU 2,804,368
KAPSCH TRAFFICCOM AG 2,751,960
KAPSCH TRAFFICCOM AG 2,753,721
KARCZEWICZ, MARTA 2,863,062
KARLOF, LARS 2,716,579
KARNER, GEORG 2,751,960
KAROUBY, PHILIPPE 2,796,623
KATAYAMA, MASAYOSHI 2,917,488
KATAYAMA, YASUNAO 2,780,258
KATHOLIEKE UNIVERSITEIT LEUVEN 2,715,611
KC, SUNIL KUMAR 2,770,116
KEANE, BRENDAN 2,802,053
KEEFER, BOWIE G. 2,924,548
KEEN, MARTIN 2,815,599
KELAMAYI KING-BULL INFORTEC PETROLEUM EQUIPMENT CO., LTD. 2,974,224
KEMIRA OYJ. 2,634,745
KENNEDY, DANIEL LEE 2,931,384
KENNEDY, ROBERT 2,765,842
KENNEDY, THOMAS 2,713,702
KEPHART, RICHARD W. 2,722,663
KERECIS EHF 2,778,090
KERSEY, ALAN D. 2,852,676
KESAVAN, PARTHASARATHY 2,959,369
KFIP LIMITED 2,697,085
KIESEL, ELIZABETH R. 2,846,912
KINARA INTERNATIONAL 2,949,288
KINDO, TOSHIKI 2,928,073
KING, JAMES MITCHELL 2,766,575
KING, KEVIN NELSON 2,795,943
KITO CORPORATION 2,948,450
KITO CORPORATION 2,951,116
KJOERLING, KRISTOFER 2,920,963
KLAPPACH, KRISTIN 2,793,687
KLEIN, MANFRED 2,760,160
KLINGELHOEFER, PAUL 2,790,161
KLOCKOW, ANDREAS 2,823,557
KNOX, RON 2,705,830
KODIAK NETWORKS, INC. 2,804,368
KOLJONEN, VELI-PEKKA 2,761,075
KOMATSU, TAKUYA 2,956,496
KONG, XIANG LU 2,924,548
KONINKLIJKE DOUWE EGBERTS B.V. 2,759,897
KOPF, MICHAEL 2,726,082
KOTSCHY, ANDRAS 2,875,226
KOVACH, JOHN 2,814,000
KOVAL, RONALD J. 2,776,080
KOWALD, GLENN W. 2,783,325
KRAUSS, JUERGEN 2,776,271
KRAWCZYK, ADALBERT 2,776,271
KREB-BENSCH, ALLISON 2,624,619
KREBS, PETER 2,624,619
KRISHNAMURTHY, GOWRI 2,908,328
KROSAKIHARIMA CORPORATION 2,897,146
KRUEGER, URSUS 2,729,439
KUBO, YOHEI 2,861,202
KUKULKA, DAVID J. 2,786,526
KUMAR, RAVI SHANKAR 2,804,368
KUNDU, GORACHAND 2,804,368
KUNENE, MAKHOSAZANE CHUCKY 2,768,726
KUNIYOSHI, HIDENOBU 2,861,202
KUPPA, RAAJEEV 2,804,368
KURAHASHI, MAKOTO 2,743,918
KURODA, SHIGERU 2,816,665
KURZ, JEFFREY 2,897,900
KURZ, MARKUS 2,897,900
KWON, YOUNGHOON 2,914,110

L'AIR LIQUIDE-SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE 2,751,155
LABITZKE, KEVIN MAX 2,884,857
LABORATORIOS DEL DR. ESTEVE, S.A. 2,788,024
LABROT, MICHAEL 2,817,481
LAFRAMBOISE, STEVE 2,935,573
LAHRS, THORSTEN 2,817,058
LAIHONEN, SARI 2,899,769
LAIS, ERIC NORMAN 2,800,629
LAIS, ERIC NORMAN 2,800,636
LAITINEN, KARI-MATTI 2,761,075
LAMB, RODNEY 2,914,838
LAMBERT, DALE J. 2,787,158
LAMBERT, PATRICK 2,791,515
LAN, XIAOBO 2,936,479
LANE, MARVIN 2,851,875
LANG, FRANZ 2,737,698
LARNICOL, MAIWENN TIFENN SOAZIG 2,900,064
LARSON, DALE 2,846,912
LARUSSI, AMEDEO 2,917,947
LAVEAU, RICHARD 2,821,987
LAVIGNE, KEVIN 2,741,177
LAVOIE, MICHEL 2,736,569
LAWSON, ANDREW 2,794,326
LE BESNERAIS, JEAN 2,737,989
LE, JAKE 2,795,740
LEAHY, DONALD J. 2,776,080
LEBEAU, MICHAEL JAMES 2,969,094
LEBECK, ALAN O. 2,924,548
LEBLANC, MICHEL P. 2,924,548
LEBLANC, PATRICK 2,817,058
LEE, CHRISTOPHER JASON 2,777,844
LEE, GAVIN 2,933,720
LEE, LAWRENCE 2,882,785
LEE, MIKE S. 2,765,842
LEEDER, CHAD MICHAEL 2,897,410
LEEKLEY, GREGORY H. 2,946,319
LEFEBVRE, GUY 2,802,428
LEFEBVRE, YANN 2,802,428
LEGOUX, JEAN-GABRIEL 2,726,859
LEGRAND, GUILLAUME 2,834,107
LEHANE, JAMES J. 2,776,080
LEHAR, MATTHEW ALEXANDER 2,714,761
LEHRLING, GUNNAR 2,913,251
LEISNER, JOHN C. 2,924,211
LEMBO, MICHAEL 2,892,316
LENNOX INDUSTRIES, INC. 2,783,325
LEONARDI, SERGIO A. 2,886,212
LEPAGE, LOUIS 2,746,694
LES LABORATOIRES SERVIER 2,875,226
LESNICKI, KRZYSZTOF 2,911,765
LESNIEWSKI, RICK R. 2,778,004
LESSIN, SAMUEL WHARTON 2,969,094
LEVITT, MARK D. 2,846,912
LEY, TIMOTHY J. 2,878,167
LI, DI 2,862,131
LI, GUANGFEI 2,821,368
LI, JIANJUN JUSTIN 2,884,857
LI, JUN 2,775,371
LI, QIANG 2,765,842
LI, XUELI 2,862,131
LI, YUANJING 2,919,744
LI, YUN 2,896,307
LIANG, FENG 2,890,461
LIANG, GUOXIAN 2,817,058
LIANG, JIANYU 2,931,882
LIANG, LIKAN 2,795,408
LIEBERMAN, ISADORE 2,745,210
LIEBHERR-AEROSPACE LINDENBERG GMBH 2,726,082
LIFE SCIENCES RESEARCH PARTNERS VZW 2,715,611
LIFT2SELL, LLC 2,843,135
LILES, WINFORD TERRY 2,736,733
LIN, XINHUA 2,692,240
LINCOLN, JASON E. 2,933,035
LINDH, DAVID C., SR. 2,772,252
LINDKE, TROY P. 2,862,801
LINDQVIST, FREDRIK 2,688,059
LINDSLEY, CRAIG W. 2,768,940
LING, QIHONG 2,966,939
LIPINSKI, JOHN 2,771,919
LISBY, STEEN 2,656,620
LISBY, STEEN 2,802,782
LITTAU, CHERYL A. 2,724,530
LIU, YAN-HUI 2,678,749
LIVINGSTON, ROBERT J. 2,853,088
LOCKETT, ANTHONY 2,767,428
LOCKIE, DAVID JAMES 2,921,869
LOGAN, AARON WILLIAM 2,933,720
LOGAN, JUSTIN CHRISTOPHER 2,933,720
LOGANATHAN, SIDDHARTH 2,779,483
LONG, JING JING 2,795,525
LOVCHIK, ROBERT 2,755,298
LOVELL, MARTYN 2,845,480
LOZADA, JESSIE 2,733,896
LU, XIN 2,778,004
LUBINSKI, ALEXANDER A. 2,904,700
LUBRIZOL ADVANCED MATERIALS, INC. 2,732,694
LUCAS, REMY 2,935,910
LUMB, HILARY LEITH 2,708,373
LUMB, MATTHEW 2,708,373
LUMERAS AMADOR, WENCESLAO 2,799,099
LUMINEX CORPORATION 2,852,300
LUNDEQUIST, FREDRIK 2,915,867
LUTHRA, KRISHAN LAL 2,921,729
LYYTIKAINEN, VILLE 2,761,075
M&K HOLDINGS INC. 2,935,176
MA, JUNYING 2,914,960
MA, NAIYANG 2,791,007
MA, TIEJUN 2,882,629
MACARTNEY, TERRY 2,764,167
MACKINNON, JOHN LESLIE 2,903,664
MACKINTOSH, ALEXIS FOSSE 2,759,130
MACLEAN, JIM 2,954,730
MAGOTTEAUX INTERNATIONAL S.A. 2,918,638
MAHE, BERNARD 2,784,311
MAIDA, JAMES 2,933,473
MAILLON, BERTRAND 2,781,271
MAINE, JASON 2,862,801
MALLAK, THOMAS L. 2,845,826
MALOOF, MARCUS A. 2,710,392
MANGETTE, STEVE 2,845,826
MANNKIND CORPORATION 2,755,514
MANUFACTURE GENERALE DE JOINTS 2,839,664
MAO, WEI 2,968,577
MAO, YONGNAN 2,966,939
MARGARIT Y ROS, IMMACULADA 2,699,513
MARIAUX, REYNOLD 2,795,408
MARINUS, ANTONIUS ADRIANUS MARIA 2,763,248
MARTIG, CELINE 2,915,867
MARTIN, PIERRE 2,781,271
MARTINEZ, RUBEN 2,835,238
MARUO, TSUYOSHI 2,910,408
MASERE, JONATHAN 2,835,868
MASERE, JONATHAN 2,835,880
MASHIKO, TOMOYUKI 2,861,202
MASSARI, GIOVANNI 2,798,588
MASSETTI, FELICIA 2,789,383
MASSICOTTE, ALAIN 2,803,529
MAST, NATHANIEL 2,741,177
MASTERCARD INTERNATIONAL INCORPORATED 2,931,284
MASTERCARD INTERNATIONAL, INC. 2,915,867
MATEO, JULIEN 2,799,707
MATHARU, SAROOP 2,880,446
MATHARU, SAROOP 2,919,602
MATSUDA, YUKIHISA 2,885,336
MATSUO, YOSHINORI 2,897,146
MATSUSHIMA, HIROSHI 2,916,277
MATSUZAKI, YUICHI 2,743,918
MATTHEWS, MACKENZIE RAE 2,931,451
MAURY MICROWAVE, INC. 2,919,222
MAYER, STANISLAS 2,750,449
MAYO, GERARD 2,933,473
MAYTECH MUSIC SYSTEMS PTY LTD 2,933,473
MAZOR ROBOTICS LTD 2,745,210
MCBEATH, SEAN 2,775,371
MCCAULEY, THOMAS GREEN 2,897,900
MCCOMBE, WILLIAM E. 2,919,026
MCCREA, KEITH 2,786,550
MCDANIEL, CATO RUSSELL 2,912,201
MCFALL, CAMPBELL 2,794,326
MCGUIRK, CHRISTOPHER M. 2,846,912
MCINTURFF, KIM 2,917,947
MCKERROW, MICHAEL J. 2,924,548
MCLEAN, CHRISTOPHER R. 2,924,548
MCMAHON, CHARLES ROBERT 2,868,206
MCNEIL, KEVIN B. 2,743,692
MEADE, JEFFREY T. 2,776,235
MED INVENT DEVICES PRIVATE LIMITED 2,902,800

Index des brevets canadiens délivrés
13 mars 2018

MEDRANO RUPEREZ, JORGE 2,788,024
MEHMI, RAMANDEEP 2,886,410
MEHUS, RICHARD J. 2,773,412
MEIJBOOM, REINOUT 2,858,325
MEIJLER, MICHAEL M. 2,767,183
MELNIK, SERGEY 2,795,525
MELTZER, DONALD A. 2,732,694
MENDEZ BALBAS, FREDDY E. 2,901,082
MEOLA, ANNALISA 2,880,060
MEOLA, ANNALISA 2,880,061
MERCK SHARP & DOHME B.V. 2,931,559
MERCK SHARP & DOHME CORP. 2,678,749
MERTOGLU, MURAT 2,793,687
MERZLIAKOV, MIKHAIL 2,767,428
MESOCOAT, INC. 2,762,826
MEYER, JOERG 2,726,082
MICROSOFT TECHNOLOGY LICENSING, LLC 2,749,607
MICROSOFT TECHNOLOGY LICENSING, LLC 2,786,456
MICROSOFT TECHNOLOGY LICENSING, LLC 2,845,480
MICROVENTION, INC. 2,795,740
MIDAS WEI TRADING CO., LTD. 2,682,599
MIDDLETON, GARYLAND KIRK 2,899,291
MIDEA GROUP CO., LTD. 2,918,488
MIDEA GROUP CO., LTD. 2,966,939
MIKAELSSON, LARS 2,800,548
MIKHAIL, TAMER S. M. 2,894,125
MIKKELSEN, JAKOB HAUGE 2,713,055
MIKKELSEN, RENE 2,788,148
MILES, JOHN 2,925,920
MILESTONE DEVELOPMENT SERVICES 2,765,842
MILLENNIUM OILFLOW SYSTEMS & TECHNOLOGY INC. 2,812,692
MILLER, DOUGLAS E. 2,787,682
MILLER, MICHAEL A 2,835,135
MILLER, TRENT J. 2,968,577
MINCY, JEROME 2,624,619
MINO, HIROYUKI 2,917,488
MIRAKI, MOJTABA KAZEMI 2,933,720
MISAWA, KEI 2,912,041
MISENER, AARON 2,843,135
MISRA, VISHWAS 2,684,304
MITCHELL, GEORGE A. 2,921,421
MITSUBISHI MATERIALS CORPORATION 2,956,496
MITSUI, HIROKI 2,951,116
MIURA, SHINICHI 2,938,392
MIYAGI, TAKASHI 2,912,041
MIYAKOSHI PRINTING MACHINERY CO., LTD. 2,771,946
MIYATA-KANE, SARAH TAMIKO 2,890,965
MIZUMOTO, SHINSUKE 2,861,202
MODI, MANISH 2,969,094
MOHANAN, ANOOKH 2,772,995
MOINGEON, PHILIPPE 2,760,320
MOLISCH, ANDREAS 2,753,721
MOLOYE-OLABISI, OLAJOMPO 2,799,916
MONETTE, GILBERT 2,821,987
MONK, RICHARD 2,799,558
MONNERAT, MICHEL 2,796,623
MONRO, STUART ALEXANDER 2,787,546
MONSANTO TECHNOLOGY LLC 2,781,490
MONTERMANN, ARMIN 2,882,583
MOOG CONTROLS LTD 2,829,146
MOORE, JONATHAN 2,871,188
MOORE, RYAN GIFFIN 2,768,112
MOOSHOFER, HUBERT 2,915,303
MORGAN, JAMES EDWARD 2,708,373
MORGAN, LEITH NORMA 2,708,373
MORISHITA JINTAN CO., LTD. 2,763,320
MORITA, MASAKAZU 2,917,488
MORRISON, DAVID 2,818,009
MORTENSON, MARK 2,767,428
MORTIMER, DAVID A. 2,634,745
MOSHOPOULOS, JOHN 2,935,573
MOTOROLA SOLUTIONS, INC. 2,931,199
MOTOROLA SOLUTIONS, INC. 2,968,577
MOY, KENNETH CHUNG LEM 2,915,867
MROZOWICZ, RICHARD ALAN 2,959,369
MSD ITALIA S.R.L. 2,880,060
MSD ITALIA S.R.L. 2,880,061
MUCCIOLI, GIAMPIERO 2,723,270
MUEHLEN, STEPHAN VON 2,713,702
MUENSTERMANN, MICHAEL J. 2,905,641
MUKHERJEE, BISWAROOP 2,908,747
MUKHERJI, PARTHOSAROTHY K. 2,918,467
MUKRI, MOHAMED BASHIR 2,949,288
MULTIMATIC INC. 2,923,211
MUNDT, HARALD 2,920,963
MUNK-HANSEN, THORKIL 2,732,577
MURATA, TOSHIO 2,885,336
MURILLO, ARLENE GABRIANA 2,969,094
MURPHREE, ZACHARY R. 2,917,675
MURRAY, JAMES BROOKE 2,875,226
MUSANTE, CHARLES F. 2,719,681
MUSHING, ALAN 2,915,867
MYKLEBUST, RUNE 2,810,363
N.S.M. S.P.A. 2,800,775
NAFIS, CHRISTOPHER ALLEN 2,911,765
NAGANUMA, YOSHIAKI 2,910,408
NAGATA, RYOICHI 2,769,858
NAGURA, KENJI 2,938,392
NAKAGAWA, TADASHI 2,885,336
NAKATA, HIYOKU 2,861,202
NALCO COMPANY 2,805,402
NALCO COMPANY 2,835,868
NALCO COMPANY 2,835,880
NALCO COMPANY 2,835,884
NARDELLA, ALESSANDRO 2,789,383
NARIN, GUEVEN 2,737,698
NARIYASU, HIROKI 2,943,335
NATIONAL OILWELL DHT, L.P. 2,857,841
NATIONAL RESEARCH COUNCIL CANADA (NRC) 2,726,859
NATIONAL STEEL CAR LIMITED 2,691,259
NAUTI-CRAFT PTY LTD 2,799,558
NAWROCKI, JESSE G. 2,772,252
NCC NANO, LLC 2,801,900
NEAL, LEWIS 2,882,785
NEDERLANDSE ORGANISATIE VOOR TOEGEPAST-NATUURWETENSCHAPPELIJK ONDERZOEK TNO 2,787,690
NEGALAGULI, HARISHA M. 2,804,368
NEGISHI, YASUSHI 2,780,258
NELSON, RONALD D. 2,788,883
NEMET, YARON 2,762,894
NEUENDORF, ANDREAS 2,785,593
NEW OBJECTIVE, INC. 2,765,842
NEW WAY MACHINE COMPONENTS, INC. 2,860,653
NEXTER SYSTEMS 2,838,307
NGO, VINH X. 2,787,782
NGUYEN, PHILIP D. 2,890,461
NHK SPRING CO., LTD. 2,816,665
NICOLON CORPORATION, DOING BUSINESS AS TENCATE GEOSYNTHETICS NORTH AMERICA 2,795,943
NICOSIA, ALFREDO 2,880,060
NICOSIA, ALFREDO 2,880,061
NIELSEN, CLAUS GYRUP 2,713,055
NIELSEN, MARK DAVID 2,780,204
NIEVA, PATRICIA MARLEN 2,800,526
NIEWCZAS, MATEUSZ MAREK 2,969,094
NIKAIDOU, MAYO 2,839,313
NIPPON CHEMIPHAR CO., LTD. 2,789,641
NIPPON GAS CO., LTD. 2,877,070
NIPPON STEEL & SUMITOMO METAL CORPORATION 2,912,041
NIROGI, RAMAKRISHNA 2,907,620
NISHIHARA, YASUAKI 2,917,488
NODA, SHINSUKE 2,738,466
NOISHIKI, KOJI 2,938,392
NOLTE, MARC 2,793,687
NONY, EMMANUEL 2,760,320
NORMALU (SAS) 2,768,937
NORMAN, KIRSTEN NICOLE 2,923,141
NORTON, PAUL 2,925,796
NORTON, SCOTT ERLING 2,899,291
NOVA BIOMEDICAL CORPORATION 2,636,811
NOVAK, ROBERT 2,908,747
NOVARTIS AG 2,699,513
NOVARTIS AG 2,927,620
NOVILLE, JEAN-FRANCOIS 2,900,064
NUCTECH COMPANY LIMITED 2,919,744

NUERNBERGER, ERIC ROLAND 2,825,387
O'BRIEN, THOMAS 2,980,897
O'CONNELL, GARLAND 2,636,811
O'CONNELL, SUSAN 2,795,046
O'HARA, DENNIS 2,794,326
O'MALLEY, EDWARD J. 2,916,495
OBERHAUSER, TOBIAS 2,860,370
OCHOA, ORLANDO 2,905,641
ODERMATT, PIUS 2,823,557
OFSLAGER, SCOTT C. 2,862,801
OFTRING, ALFRED 2,790,161
OGAWA, MISAO 2,912,041
OGAWA, TOMOHIRO 2,910,408
OH, SOO MI 2,935,176
OHASHI, SOZABURO 2,911,636
OHRI, RACHIT 2,730,598
OKAZA-KI, ATSUYA 2,780,258
OKUNO, TAKASHI 2,938,392
OLD, DAVID W. 2,787,782
OLSSON, MAGNUS 2,794,021
OMIYA, ELLIOT H. 2,845,480
OMOTOSO, OLADIPO 2,901,082
ONCOLIX, INC. 2,753,804
ONYA, CHUKA BENJAMIN 2,882,900
ORTH, PETER 2,678,749
OSTERBERG, FOLKE 2,867,392
OSTERMAN, LAWRENCE W. 2,845,480
OTIENO, PAULINE AKINYI 2,921,230
OTSUKA PHARMACEUTICAL CO., LIMITED 2,794,620
OUDENHUIJZEN, AERNOUT JOHAN KORNEEL 2,787,690
OUELLET, JEAN-PIERRE 2,821,987
OXVIG, CLAUS 2,713,055
PACANA, DAVID M. 2,892,316
PACZAL, ATTILA 2,875,226
PADAYACHEE, DIANDREE 2,768,726
PAGANO, KEVIN 2,888,274
PALLER, HANS J. 2,783,325
PALOMERO COCHO, FRANCISCO 2,916,181
PALYS, GERALD F. 2,925,386
PANILA, JASON 2,781,258
PARENT, MICHEL 2,817,058
PARK, PIL-KYU 2,897,599
PARKBURN PRECISION HANDLING SYSTEMS LIMITED 2,794,326
PARREN, PAUL 2,656,620
PARREN, PAUL 2,802,782
PARSONS, GARY D. 2,741,274
PATBERG, LOTHAR 2,924,257
PATEL, CHANDULAL 2,925,386
PATEL, KRISHNAKANT M. 2,804,368
PATENTED MEDICAL SOLUTIONS, LLC 2,815,870
PATON, ADRIAN 2,924,257
PEARSON, MURRAY S. 2,919,026
PECHENOV, ALEKSANDR 2,795,408
PEDERSEN, SVEIN 2,716,579
PEERS, ROBERT PETER 2,865,292
PEI, JIAN 2,765,842
PEIFFER, DENNIS A. 2,878,167
PEIRANO, GIORGIO 2,800,775
PELLEJA PUXEU, LAIA 2,788,024
PENA, LOUIS A. 2,692,240
PENLAND, JOE, JR. 2,980,897
PENLAND, RUSTIN 2,980,897
PENNY, GLENN S. 2,923,454
PERCIACCANTE, ROSSANA 2,742,025
PERKINS, JASON T. 2,772,252
PERRAULT, AARON ANDREW 2,923,141
PERRON-SIERRA, FRANCOISE 2,875,226
PERTEN, HERBERT 2,781,258
PERTEN, HERBERT 2,793,865
PETERSSON, LINNEA 2,899,769
PETROCHINA COMPANY LIMITED 2,862,131
PETROCHINA COMPANY LIMITED 2,931,882
PETTERSSON, BERT 2,750,815
PHALA, NOKO SIMON 2,768,726
PHILIPS LIGHTING HOLDING B.V. 2,763,248
PHILLIPS, JEFFREY 2,877,831
PHOENIX CONTACT GMBH & CO KG 2,785,593
PICHLER, HANS-PETER 2,787,403
PIEL, KEVIN G. 2,814,000
PIERCE, D. KYLE 2,767,428
PIERSON, HAROLD 2,845,480
PIKET, DAVE 2,725,679
PIROLLO, KATHLEEN F. 2,692,546
PISKLAK, THOMAS JASON 2,921,230
PLAZEK, BRETT 2,741,384
PLEAT AS 2,810,363
POFF, DAVID ERIC 2,766,575
POLZER, BENJAMIM DAVID 2,787,177
POMEROY, PAUL A. 2,776,080
PONIKWAR, WALTER 2,803,183
POWELL, JONATHAN ROBERT 2,931,284
POWELL, MARK P. 2,756,213
POWERS, GARY 2,829,146
POWERSENSE A/S 2,525,248
PPG INDUSTRIES OHIO, INC. 2,931,285
PRAKRIYA, MAHESH 2,845,480
PRAT QUINONES, MARIA 2,799,099
PREELUMINA DIAGNOSTICS AB 2,794,021
PRESIDENT AND FELLOWS OF HARVARD COLLEGE 2,612,303
PRESSET, ALAIN 2,787,546
PRESTA, LEONARD G. 2,678,749
PRICE, AMY 2,880,446
PRINOTH S.P.A. 2,782,167
PROFILBETON GMBH 2,795,485
PROOF RESEARCH, INC. 2,933,035
PROSZENYAK, AGNES 2,875,226
PUIG DURAN, CARLOS 2,799,099
PUIG FERNANDEZ, LAURA 2,788,024
PURNHAGEN, HEIKO 2,920,963
PURNHAGEN, HEIKO 2,924,315
PVT SOLAR, INC. 2,761,088
PYLON MANUFACTURING CORP. 2,865,292
QIN, ZHANFENG 2,919,744
QIU, ZHENGYUAN 2,865,960
QUALCOMM INCORPORATED 2,863,062
QUALITY MAT COMPANY 2,980,897
QUANCI, JOHN FRANCIS 2,959,369
QUANTUM PHARMACEUTICALS LTD. 2,793,555
QUIRION, JACQUES 2,895,889
RADICS, GABOR 2,875,226
RAMAMOORTHY, RAVI GANESH 2,804,368
RAMANATHAN, SRI 2,780,204
RAPPL, JAMES FRANCIS 2,924,211
RASHID M. HARUNUR 2,915,148
RASMUSSEN, MICHAEL H. 2,794,138
RATCLIFFE, JAMES DAVID 2,739,214
RAVET, NATHALIE 2,817,058
RAVI, KRISHNA M. 2,914,711
RAYO, JOSEP 2,767,183
RAYTHEON COMPANY 2,917,947
REALD INC. 2,921,760
RECTOR, BRENT 2,845,480
REED, TIM 2,882,785
REIDERMAN, ARCADY 2,894,512
REISER, ASTRID 2,896,616
REISSNER, FLORIAN 2,913,947
REISSNER, FLORIAN 2,915,306
REITEN, ELISE 2,716,579
REMER, NIKLAS 2,925,672
REMMERS, JOHN E. 2,764,167
REMOTE MEDIA, LLC 2,946,319
RENSINK, PIM 2,787,690
RESEARCH MEDICAL PTY LTD 2,803,925
RESTIVE, MARIO J. 2,921,421
REYNAUD, CLAUDINE 2,834,107
RICHARD, BENNETT M. 2,916,495
RICHARD-BILDSTEIN, SYLVIA 2,790,139
RICHEY, SCOTT ALAN 2,901,842
RIEGMAN, KLEMENT 2,838,487
RIESBECK, KRISTIAN 2,636,566
RIGEL PHARMACEUTICALS, INC. 2,766,801
RIGGS, JENNIFER 2,736,111
RIGIDIZED METALS CORPORATION 2,786,526
RILEY, JONATHAN 2,787,546
RIVERS, GLEN 2,882,785
ROBBINS, AVI M. 2,636,811
ROBERTS, MARK JULIAN 2,908,328
ROBINS, HARLAN S. 2,853,088
ROBINSON, MICHAEL G. 2,921,760
RODEGHIERO, FEDERICA 2,742,025
ROEHL, CHRIS 2,882,629
ROERING, SEBASTIAN 2,774,885
ROGERS, BRADLEY CRAIG 2,733,129
ROGGENDORF, MICHAEL 2,776,271
ROLLS-ROYCE PLC 2,732,571
ROMER, GEOFFREY M. 2,795,525
RONG, ZHIGANG 2,914,110
ROS ZUAZUA, PEDRO 2,916,181
ROSEMOUNT INC. 2,916,108
ROSEMOUNT INC. 2,921,096

ROSEMOUNT INC. 2,923,141
ROSEMOUNT INC. 2,923,150
ROSENBERGER HOCHFREQUENZTECHNIK GMBH & CO. KG 2,860,370
ROSS, PETER G. 2,859,208
ROTHAMMER, WERNER 2,774,885
ROTONDO, ANDRE D. 2,791,515
ROTONDO, JACQUES 2,791,515
ROTTMAN, JAMES 2,897,900
ROUE, LIONEL 2,726,859
ROUSSEV, ALEXANDER D. 2,931,199
ROUSSILLE, CLEMENT 2,799,707
ROWE, CHRIS 2,882,785
ROWE, STEPHEN 2,845,480
ROWLAND, JOHN 2,821,460
ROYAL GOVERNMENT OF BHUTAN, MINISTRY OF AGRICULTURE 2,793,555
RUD, JASON HAROLD 2,923,141
RUDA, MARCUS 2,750,815
RUEGG, RICHARD JAMES 2,901,842
RUF, CHRIS 2,636,811
RUGGLI PROJECTS AG 2,755,048
RULLO, JAMES J. 2,899,484
RULLO, JAMES J. 2,928,079
RUSH, BENJAMIN 2,886,410
RUSSELL, KATHARINE ELIZABETH 2,959,369
RYAN, JOHN 2,830,174
SABLAYROLLES, JEAN 2,817,481
SAEGROV, STEIN ODDVAR 2,810,363
SAFCO PRODUCTS CO. 2,815,599
SAGE PRODUCTS, LLC 2,870,094
SAGNER, GREGOR 2,896,616
SAINT-REMY, JEAN-MARIE 2,715,611
SAIPEM S.P.A. 2,798,588
SAITO, TOMOKAZU 2,926,327
SAKUMA, SHOGO 2,789,641
SALTER, MICHAEL W. 2,662,172
SALZER, TOBIAS 2,803,183
SAMBASHIVAN, SIDHARTH 2,901,842
SAMS, HOWARD 2,922,754
SAMSON, WILLIAM DOUGLAS 2,931,384
SAMSUNG ELECTRONICS CO., LTD. 2,897,599
SAMUMED, LLC 2,770,116
SAN JAMAR, INC. 2,905,641
SANCHEZ GIRALDEZ, JOSE HUMBERTO 2,761,329
SANGIAH, DHINESH 2,829,146
SANOFI 2,784,565
SANTOSHAM, PETER 2,764,167
SANTRA, ASHOK K. 2,914,711
SATAKE, SHUICHI 2,973,076
SATIJN, DAVID 2,802,782
SATISH, SOURABH 2,917,230
SATOU, CHIKAKO 2,839,313
SATOU, KAZUHIRO 2,839,313
SAVENOK, ALEXANDER 2,946,319
SAVENOK, DAVID 2,946,319
SAVENOK, PAVEL 2,827,436
SAVENOK, PAVEL 2,946,319
SAVVAS, KONSTANTINOS 2,924,257
SCA FOREST PRODUCTS AB 2,867,392
SCA HYGIENE PRODUCTS AB 2,787,644
SCALET, FRANK 2,715,378
SCARPA, MATTEO 2,798,588
SCHADLER, JEREMY 2,882,785
SCHAEFER, MATTHIAS 2,784,565
SCHAFER, JOCHEN 2,915,306
SCHANN, STEPHAN 2,750,449
SCHAUBEL, TERRY JOHN 2,766,575
SCHELLENBERGER, CRISTINA 2,803,183
SCHENKEN, CHRISTOPHER T. 2,917,808
SCHERMAN, DANIEL 2,604,452
SCHIFF, DAVID 2,756,890
SCHLEGEL, CHRISTOPH 2,899,769
SCHLUEP, THOMAS 2,830,174
SCHLUETER, DOUGLAS 2,927,620
SCHLUETTER, JENS-UWE 2,914,399
SCHLUMBERGER CANADA LIMITED 2,734,642
SCHLUMBERGER CANADA LIMITED 2,787,682
SCHLUMBERGER CANADA LIMITED 2,835,238
SCHLUNKE, KIM CHRISTOPHER 2,914,838
SCHMALTZ, REMI 2,967,518
SCHMIEDERER, BERND 2,917,749
SCHNEIDER ELECTRIC SACHSENWERK GMBH 2,737,698
SCHNEIDER, PETER 2,862,856
SCHNEWEIS, KARL EDUARD 2,776,271
SCHRADER, BRIAN 2,852,300
SCHROCK, KEVIN 2,729,393
SCHRODER, KURT A. 2,801,900
SCHROETER, MARIE KATRIN 2,790,161
SCHUCK, MILLER H. 2,921,760
SCHUH, LOTHAR 2,800,842
SCHULAT, JOCHEN 2,865,678
SCHULER, FRANCESCA 2,968,577
SCHULTHEISS, NATHAN 2,923,454
SCHUMACHER, MARK STEPHEN 2,923,150
SCHUTT, HAUKE 2,860,370
SCOTT, PHILIP 2,936,561
SCOTT, SARAH A. 2,768,940
SCOTT, STEVEN 2,936,561
SCOTT, TIMOTHY A. 2,734,116
SEEBER, KEN 2,914,838
SEETZEN, HELGE 2,840,548
SEKISUI CHEMICAL CO., LTD. 2,817,481
SEMINAROV, DIMITRI 2,778,004
SERPEAULT, JEROME 2,838,307
SHAH, SAIYAM 2,755,514
SHAMPINE, ROD 2,787,682
SHAON, MICHAEL 2,915,867
SHAPIRO, JASON DAVID 2,912,428
SHARLET, DILLON 2,783,836
SHARP, GARY D. 2,921,760
SHERMAN, ANDREW J. 2,762,826
SHETTY, DHANURAJ S. 2,799,916
SHIELDS, THOMAS CLAY 2,710,392
SHIMA, HIROKAZU 2,956,496
SHIMONI, AMIR 2,969,094
SHIMOO, TSUYOSHI 2,763,320
SHIN NIPPON BIOMEDICAL LABORATORIES, LTD. 2,769,858
SHINDE, ANIL KARBHARI 2,907,620
SHIOHAMA, MICHIHARU 2,897,146
SHIROTA, AKINORI 2,948,450
SHIVAKUMAR, NARAYANAN 2,795,525
SHOHAM, MOSHE 2,745,210
SHOLES, BRIAN L. 2,773,412
SHORT, JAY M. 2,822,969
SIDEL SYSTEMS USA INC. 2,918,467
SIDWELL, JAMES S. 2,636,811
SIEGRIST, ROMAIN 2,790,139
SIEMENS AKTIENGESELLSCHAFT 2,729,439
SIEMENS AKTIENGESELLSCHAFT 2,732,577
SIEMENS AKTIENGESELLSCHAFT 2,737,989
SIEMENS AKTIENGESELLSCHAFT 2,910,674
SIEMENS AKTIENGESELLSCHAFT 2,913,947
SIEMENS AKTIENGESELLSCHAFT 2,915,303
SIEMENS AKTIENGESELLSCHAFT 2,915,306
SIEMENS AKTIENGESELLSCHAFT 2,917,749
SIEMENS S.A.S. 2,919,562
SIGURJONSSON, GUDMUNDUR FERTRAM 2,778,090
SILVER SPRING NETWORKS, INC. 2,736,000
SILVERS, CRAIG 2,925,386
SIMONTON, JAMES L. 2,733,896
SIMPSON, GARY R. 2,919,222
SINGER, JAMES M. 2,743,692
SINGH, DIPTI 2,923,454
SIPOS, SZABOLCS 2,875,226
SIROTIN, JUSTIN W. 2,815,599
SITES, PETER W. 2,756,213
SITTLER, FRED C. 2,916,108
SITTMANN, GUSTAV, III 2,800,629
SIWATCH, TANYA MOHAN 2,940,432
SKALA, ROBERT D. 2,824,761
SKALLA, WALTER 2,741,177
SLIFKIN, TIMOTHY P. 2,793,865
SLOAT, JEFFREY T. 2,928,099
SMAL, JULIEN CHRISTOPHER MICHEL 2,900,064
SMITH & NEPHEW ORTHOPAEDICS AG 2,823,557
SMITH & NEPHEW PLC 2,691,729
SMITH, BRIAN M. 2,664,398
SMITH, DAVID 2,897,410
SMITH, LUCAS JOHN 2,768,112
SMITH, RICHARD S., III 2,786,526
SMITHFIELD FOODS, INC. 2,877,831
SMUTNEY, CHAD C. 2,755,514
SNECMA 2,799,707
SOCIETE BIC 2,802,428
SOEE, JOERN BORCH 2,788,148

SOLKAR, SHAKEEL 2,845,480
SONDEX WIRELINE LIMITED 2,739,214
SONG, JINCHENG 2,910,930
SONG, JINCHENG 2,911,288
SONNENDORFER, HORST 2,843,638
SORRENTINO, MARCO 2,850,211
SOWINGO.COM CORP. 2,944,105
SPENCER, MAX E. 2,835,238
SPERRE COOLERS AS 2,810,363
SPLICED IP LTD. 2,803,581
SPORENO, ELISABETTA (DECEASED) 2,880,060
SPORENO, ELISABETTA (DECEASED) 2,880,061
SRIVASTAVA, SANJAY 2,772,995
ST-PIERRE, ALEXANDRE 2,791,515
STACK, LUKE ANTHONY 2,933,720
STALLERGENES 2,760,320
STAMICARBON B.V. 2,838,487
STANZEL, KENNETH AUSTIN 2,924,211
STARTRAK INFORMATION TECHNOLOGIES, LLC 2,793,865
STARTRAK SYSTEMS, LLC 2,781,258
STATOIL PETROLEUM AS 2,926,502
STAUBERT, ANDREAS 2,922,754
STEIN, RAINER 2,737,698
STEINARSON, APASARA 2,973,615
STEINER, GEORG ROBERT GUSTAV 2,786,349
STEINKLAUBER INDUSTRIEBETEILIGUNG & VERMOGENSVERWALTU NG GMBH 2,787,403
STEPHENS, GARY 2,794,620
STEVENON, PHILIP C. 2,835,238
STICH, CHRISTIAN 2,800,842
STILES, MICHAEL EDGECOMBE 2,890,965
STOESZ, CARL W. 2,913,762
STOKES, MATTHEW BRADLEY 2,926,387
STOUT, JEFFREY T. 2,636,811
STRAH-PLEYNET, SONJA 2,664,398
STRAUB, ANTON 2,726,082
STRAUB, ANTON 2,847,155
STRICKLAND, J. BYRON 2,805,402
STUBBER, RAYMOND LAWRENCE 2,803,925
STUMP, JOHN RUSSELL 2,767,180
SUETSUGU, YASUTAKA 2,917,488
SUGAWARA, KAZUHIRO 2,923,683
SUGIYAMA, HARUO 2,757,764
SULLIVAN, PHILIP F. 2,787,682
SUMITOMO CHEMICAL COMPANY, LIMITED 2,743,918
SUMITOMO METAL INDUSTRIES, LTD. 2,781,271
SUMMERMATTER, PAUL 2,821,460
SUMNER, WILLIAM 2,882,785
SUN, SHIJUN 2,786,456
SUNCOKE TECHNOLOGY AND DEVELOPMENT LLC 2,959,369
SUNCOR ENERGY INC. 2,901,082
SUNCOR ENERGY INC. 2,903,664
SUPERNUS PHARMACEUTICALS INC. 2,795,408
SUPRANERGIE INC. 2,791,515
SUVEN LIFE SCIENCES LIMITED 2,907,620
SWARUP, SHANTI 2,931,285
SWIX SPORT AS 2,716,579
SYLDATKE, RALF DIETER 2,786,349
SYMANTEC CORPORATION 2,917,230
SYMBOL TECHNOLOGIES, LLC 2,902,855
SZABO, ZOLTAN 2,875,226
SZLAVIK, ZOLTAN 2,875,226
T&W ENGINEERING A/S 2,909,342
TAKADA, YOUSUKE 2,757,972
TAKAHASHI, TOSHIHIRO 2,789,641
TAKAYAMA, TATEKI 2,911,738
TAKAYAMA, YOSHINORI 2,956,496
TALBOT, JOHN 2,903,557
TAM INTERNATIONAL, INC. 2,936,561
TAM, HUGO 2,764,167
TAMAUCHI, RYOSUKE 2,917,488
TAMBURIN, LUCA 2,755,048
TAMURA, TAKASHI 2,861,202
TAN, ZHENGGUO 2,862,131
TANAKA, KATSUAKI 2,923,683
TANAKA, MASARU 2,839,313
TANAKA, MASATO 2,897,146
TANAKA, YASUHARU 2,912,041
TANG, HUAPING 2,919,744
TANG, SONGFA 2,759,062
TAQUET, JEAN-PHILIPPE 2,795,408
TARANTINO, THOMAS 2,803,183
TATZEL, FRANK 2,860,370
TAYLOR, CURTIS 2,843,135
TBI INNOVATIONS, LLC 2,897,410
TCHESNOKOV, ALEXEI 2,795,408
TEDORE, PETER 2,830,532
TEEGARDEN, BRADLEY 2,664,398
TEERLING, OMKE JAN 2,763,248
TEH YOR CO., LTD. 2,911,988
TELEFLEX LIFE SCIENCES UNLIMITED COMPANY 2,812,639
TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) 2,688,059
TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED 2,865,960
TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED 2,878,067
TERADA, RURIKO 2,943,335
TERRY, MATTHEW ADAM 2,780,204
THALES 2,790,609
THALES 2,796,623
THE COCA-COLA COMPANY 2,780,887
THE COMMONWEALTH OF AUSTRALIA 2,746,298
THE FOUNTAINHEAD GROUP, INC. 2,921,421
THE GOVERNMENT OF THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES 2,726,131
THE HOSPITAL FOR SICK CHILDREN 2,662,172
THE NATIONAL INSTITUTE FOR BIOTECHNOLOGY IN THE NEGEV LTD. 2,767,183
THE PROCTER & GAMBLE COMPANY 2,743,692
THE PROCTER & GAMBLE COMPANY 2,884,857
THE QUEEN'S UNIVERSITY OF BELFAST 2,763,362
THE REGENTS OF THE UNIVERSITY OF MICHIGAN 2,765,842
THIEBERGE, JEAN-PASCAL 2,736,733
THERMOS L.L.C. 2,851,875
THIBAULT, CARL 2,821,987
THIELMAN, BRETT 2,734,116
THORNTON, BRUCE 2,858,854
THYSSENKRUPP ELEVATOR INNOVATION CENTER, S.A. 2,916,181
THYSSENKRUPP STEEL EUROPE AG 2,924,257
TISCHLER, BRIAN JOSEPH 2,878,167
TOGNON, VINCENT 2,803,529
TOIDA, MASASHI 2,910,408
TOLENTINO, VAMBI RAYMUNDO 2,865,292
TOLTON, MATTHEW B. 2,795,525
TOME ALCALDE, JUAN 2,818,951
TONNESEN, LEIF ARNE 2,837,632
TOPHOLM, RICHARD 2,909,342
TORNADO SPECTRAL SYSTEMS, INC. 2,776,235
TORRENT PHARMACEUTICALS LIMITED 2,772,995
TOSINI, GIANCARLO 2,780,887
TOWER IPCO COMPANY LIMITED 2,910,930
TOWER IPCO COMPANY LIMITED 2,911,288
TOYOTA JIDOSHA KABUSHIKI KAISHA 2,883,509
TOYOTA JIDOSHA KABUSHIKI KAISHA 2,885,336
TOYOTA JIDOSHA KABUSHIKI KAISHA 2,909,840
TOYOTA JIDOSHA KABUSHIKI KAISHA 2,910,408
TOYOTA JIDOSHA KABUSHIKI KAISHA 2,911,636
TOYOTA JIDOSHA KABUSHIKI KAISHA 2,911,738

TOYOTA JIDOSHA KABUSHIKI KAISHA 2,928,073
TRADE CAPTURE, OTC CORP. 2,821,460
TRADING TECHNOLOGIES INTERNATIONAL, INC. 2,914,399
TRAUB, ANDREAS 2,909,902
TRAXX CORPORATION 2,925,386
TREVATHAN, MATTHEW BUNKLEY 2,780,204
TRICK, SEBASTIAN 2,865,678
TRIMEC BIOGAS TECHNOLOGY LTD. 2,733,896
TRIQUET, STEPHANE 2,839,664
TROMEUR, PASCAL J. 2,751,155
TROSHKO, ANDREY A. 2,886,212
TRUESDELL, KEVIN W. 2,928,079
TSUNOKUNI, KAZUYUKI 2,926,327
TYCO HEALTHCARE GROUP LP 2,741,177
TYSCHINSKI, TED 2,903,664
UCHI, TOMOYUKI 2,916,277
UITBEIJERSE, BASTIAAN 2,763,248
ULIBARRI, GERARDO 2,756,221
ULLMAN, BRETT 2,664,398
ULUC, OZAN 2,774,885
UNIQUE PRODUCT & DESIGN CO., LTD. 2,924,677
UNITED PARCEL SERVICE OF AMERICA, INC. 2,917,808
UNITED STATES GYPSUM COMPANY 2,944,877
UNIVERSITY OF JOHANNESBURG 2,858,325
UNIVERSITY OF NEW HAMPSHIRE 2,784,024
UPM-KYMMENE CORPORATION 2,781,757
USG INTERIORS, LLC 2,776,080
USHIODA, MASATOSHI 2,789,641
USNR/KOCKUMS CANCAR COMPANY 2,899,291
VAGBERG, LARS 2,750,815
VALASKOVIC, GARY A. 2,765,842
VALE S.A. 2,787,177
VALLEE, ALAIN 2,817,058
VALLOUREC OIL AND GAS FRANCE 2,781,271
VALMET TECHNOLOGIES, INC. 2,761,075
VAN DER AUWERA, GEERT 2,863,062
VAN DER VEEN, JOS CHRISTIAAN 2,759,897
VAN GREUNEN, JANA 2,736,000
VAN HOLTEN, ROBERT W. 2,799,916
VAN TILBURG, MARK WILHELMUS THERESIA 2,787,690
VAN VYVE, ALBERT R.L.M. 2,853,517
VANDEN EYNDE, XAVIER MARC JACQUES EDMOND ROBERT 2,900,064
VANDERBILT UNIVERSITY 2,768,940
VANELLI, DONALD LEWIS 2,858,854
VARA CARRERA, MATIAS JAVIER 2,818,951
VARCODE LTD. 2,762,894
VASQUEZ, GREGORY 2,734,785
VASSILAKIS, THEODORE 2,795,525
VASWANI, RAJ 2,736,000
VAUGHN, JOHN 2,921,421
VELAYUDHAN, ARUN 2,804,368
VELVISION OY 2,789,081
VEMPATI, BRAHMANANDA R. 2,804,368
VERHOEVEN, WILLY J. H. 2,931,559
VERNALIS (R&D) LTD 2,875,226
VERPLOEGEN, SANDRA 2,802,782
VIASAT GEO TECHNOLOGIES 2,746,924
VICHITVONGSA, KHAMBATH 2,959,369
VIEGA, JOHN 2,852,676
VIETZ, MATTHIAS 2,939,825
VILLEMOES, LARS 2,924,315
VINCENT, KEITH ALAN 2,787,546
VISTROM, MAGNUS 2,867,392
VITITOE, KEVIN JOHN 2,897,410
WACKER CHEMIE AG 2,939,825
WADA, SHINJI 2,877,070
WADHWA, NEERAJ 2,845,480
WAGGER, KLAUS 2,782,167
WAGSTAFF, INC. 2,734,116
WALKER, PETER WHYLE 2,787,177
WALL, GUENTHER 2,901,838
WALLACE, DAVID MARK 2,770,116
WALLEN, PETER JOHN 2,957,666
WALTZ, LUCAS B. 2,845,826
WAN, MINGMIN 2,974,224
WANG, DEWEN 2,878,067
WANG, HAO 2,974,224
WANG, HONGYUAN 2,931,882
WANG, JUNZHU 2,956,496
WANG, JUSTIN J. 2,751,155
WANG, YE-KUI 2,863,062
WANG, YINGJIE 2,781,490
WANG, YONGGANG 2,919,744
WARD, GREGORY JOHN 2,840,548
WARD, ROBERT S. 2,786,550
WARREN, ROGER D. 2,888,301
WATANABE, YOSHINORI 2,928,073
WATERSON, ALEX G. 2,768,940
WATT FUEL CELL CORP. 2,929,136
WATT FUEL CELL CORP. 2,929,544
WATT FUEL CELL CORP. 2,929,816
WATTERS, CLIFTON 2,715,378
WAUBKE, CARSTEN 2,804,888
WEATHERFORD TECHNOLOGY HOLDINGS, LLC 2,895,734
WEATHERFORD TECHNOLOGY HOLDINGS, LLC 2,924,003
WEAVER, JARED HOGG 2,921,729
WEBO WERKZEUGBAU OBERSCHWABEN GMBH 2,847,155
WEBSTER, MICHAEL J. 2,726,405
WEGMANN, AUTOMOTIVE USA INC. 2,868,206
WEGNER, JOSEPH R. 2,724,530
WEI, TAO-CHIN 2,682,599
WEI, YAO 2,931,882
WEITHALLER, GUILLAUME 2,768,937
WELLMAN, RYAN E. 2,788,883
WELTON, THOMAS DONOVAN 2,923,454
WEN, CHENG TAO 2,722,663
WENZ, ROBERT P. 2,801,900
WEST, GORDEN FOX 2,787,177
WESTERMANN, SOREN ERIK 2,909,342
WESTON, DENISE 2,865,343
WESTON, MARK 2,865,343
WESTON, MELISSA C. 2,923,454
WEYLER, WALTER 2,915,148
WHALLEY, BENJAMIN 2,794,620
WHITE, ANTHONY 2,877,831
WHITE, BRUCE F. 2,779,013
WHITE, NICKY A. 2,924,003
WHITEHEAD, LORNE A. 2,840,548
WHITMAN, DOUGLAS F. 2,852,300
WIDMAN, MICHAEL F. 2,756,213
WIESSNER, ROBERT J. 2,732,694
WIETH, FRANZ 2,843,638
WILCOX, REED 2,767,428
WILJAN, HARRY 2,710,975
WILLIAMS, CLAIRE 2,794,620
WILLIAMS, DAVID J. 2,706,774
WILLIAMS, ROGERS 2,901,842
WILSON TRAILER COMPANY 2,741,384
WILSON, CHARLES 2,897,900
WILSON, STEPHEN F. 2,531,331
WILSON, WESTON R. 2,928,099
WINDHAB, NORBERT 2,818,951
WINKEL, JAN VAN DE 2,802,782
WIRTGEN GMBH 2,882,583
WITT, STEVEN EDWARD 2,884,857
WLODARCZYK, ROBERT A. 2,845,480
WOLBERG, MICHAEL 2,766,801
WOLF, HOLGER 2,774,885
WONG, ANDREW 2,912,391
WONG, SHOON PING 2,915,867
WOOD, IAN 2,795,143
WOOD, THOMAS S. 2,888,301
WRAY, RICHARD WILFRID 2,766,575
WRIGHT, ANDREW J. 2,812,692
WROBEL, FRANK 2,737,698
WU, ALEX 2,835,135
WU, JAMES 2,835,135
WU, SHANGHUA 2,824,761
WU, YAZHI 2,933,296
WUHAN HEALTHGEN BIOTECHNOLOGY CORP. 2,821,368
WUHU KING-BULL INFORTEC PETROLEUM EQUIPMENT CO., LTD 2,974,224
WYSOCZKI DE SANCHEZ, ROSEMARIE 2,761,329
XIAO, ZHIYUAN 2,934,377
XIE, YUMING 2,824,761
XIONG, YIFENG 2,664,398
XIONG, YU 2,936,479
XU, HUA 2,775,371
XU, XIANGLING 2,931,285
XU, YUFENG 2,944,877
XUE, LIXIA 2,886,413
XUE, ZHIXIONG 2,732,510

YADAV, NARENDRA S. 2,732,510
YAGI, SATOMI 2,839,313
YALE UNIVERSITY 2,797,965
YALE, DAVID P. 2,886,212
YAMAGATA UNIVERSITY 2,839,313
YAMAMOTO, KAZUO 2,909,840
YAMAMOTO, MARI 2,861,202
YAMASHITA, MANABU 2,917,488
YAMAZAKI, YUUICHI 2,771,946
YAN, XIONGWEI 2,936,479
YAN, XU 2,931,882
YANAI, ATSUSHI 2,917,488
YANG, CEWEN 2,835,135
YANG, DAICHANG 2,821,368
YANG, JIANPING 2,931,882
YANG, LIQIANG 2,931,882
YANG, MOONOCK 2,935,176
YANMAR CO., LTD. 2,943,335
YAO, JIANSHE 2,974,224
YDSTIE, B. ERIK 2,722,663
YIN, RUIWEN 2,914,960
YIP, ROMUALD 2,747,471
YOSHITOMI, JOUKI 2,897,146
YOUNG, GORDON PETER 2,816,921
YOUNG, MAUREEN 2,880,446
YU, FU-LAI 2,911,988
YUHAS, DREW J. 2,726,405
ZAMORA, PAUL 2,692,240
ZEHAVI, ELI 2,745,210
ZEMEN, THOMAS 2,753,721
ZENG, WEI 2,845,480
ZHANG, CHENXI 2,862,131
ZHANG, HAITAO 2,862,131
ZHANG, HONGXIANG 2,732,510
ZHANG, KE 2,778,004
ZHANG, XIAOLING 2,934,377
ZHANG, XU 2,761,823
ZHAO, YONG 2,759,062
ZHENG, BING 2,845,826
ZHENG, NIANZHONG 2,918,488
ZHENG, YUNFENG 2,862,131
ZHENGZHOU ZHONGYUAN DEFENSE MATERIAL CO., LTD 2,914,960
ZHONG, DEGANG 2,799,916
ZHONGSHAN BROAD-OCEAN MOTOR MANUFACTURING CO., LTD 2,759,062
ZHONGSHAN BROAD-OCEAN MOTOR MANUFACTURING CO., LTD. 2,761,823
ZHOU, HONGYING 2,931,285
ZHOU, YONGXING 2,886,413
ZHU, LIYUN 2,974,224
ZHU, QUN 2,732,510
ZIEBART, BERNIE 2,905,641
ZIMMERMAN, DEAN ARTHUR 2,884,857
ZINGARETTI, CHIARA 2,699,513
ZINGLER, GLENN J. 2,916,271
ZOETIS CANADA INC. 2,921,869
ZOETIS SERVICES LLC 2,931,384
ZST HOLDINGS, INC. 2,764,167
ZTE CORPORATION 2,896,307

Index of Canadian Applications Open to Public Inspection

February 25, 2018 to March 3, 2018

Index des demandes canadiennes mises à la disponibilité du public

25 février 2018 au 3 mars 2018

2747-6035 QUEBEC INC. 2,977,294
ABDALLA, AHMED M. 2,978,159
ABDULHADI, ABDULHADI 2,959,850
ABLOTT, ANDREW ROYCE 2,977,250
ABOUELDAHAB, HAZEM 2,940,586
ABRAHAM, MULUGHETA 2,972,672
ABRAHAM, SERGIO 2,977,852
ADAMS, LYLE KENNETH 2,957,748
ADAMS, NEIL PATRICK 2,977,220
ADAMS, RICHARD 2,975,481
AEROVIRUS TECHNOLOGIES INC. 2,940,637
AESCHLIMAN, CARL 2,977,983
AGIT GLOBAL IP HOLDINGS, LLC 2,940,357
AGIV, OMER 2,977,185
ALBERT HANDTMANN MASCHINENFABRIK GMBH & CO. KG 2,976,502
ALLEN, EMILIE 2,940,370
ALLEN, EMILIE 2,977,312
ALLIROT, RICHARD 2,978,011
ALMOND, ROSE-MARIE A. 2,940,436
ALSTOM TRANSPORT TECHNOLOGIES 2,977,141
AMMOURI, FOUAD 2,975,194
AMSTED RAIL COMPANY, INC. 2,977,145
ANDERS, JENS 2,970,492
ANDRASKO, STEVEN J. 2,976,198
ANKIREDDY, VENKATA PRAKASH REDDY 2,977,773
ANSCHUETZ, STEVEN M. 2,976,198
APEX ENGINEERING INC. 2,977,524
ASKOF, AVRAHAM 2,977,637
AUKER, BRADLEY EUGENE 2,972,384
AVALON RESEARCH LTD. 2,977,187
AWHEDA, MOSTAFA 2,959,850
BABIARZ, BRITT 2,969,578
BACHTLE, MANFRED 2,976,502
BANG, NICHOLAS KENT 2,976,852
BARENE, DAVID JOHN 2,970,697
BARRON, MARK M. 2,973,308
BARTELMUSS, KLAUS 2,975,869
BARTKO, HENDRIK 2,967,273
BASINTEK, LLC 2,978,039
BAUMGARTNER, CLINTON J. 2,978,207
BAUMGARTNER, TRAVIS J. 2,978,207
BECK, JASON 2,978,239
BEHAZIN, EHSAN 2,975,803
BELDEN CANADA INC. 2,977,560
BELL HELICOPTER TEXTRON INC. 2,976,237
BEQUET, HENRY GABRIEL VICTOR 2,974,556
BERUBE, ERIC ALVIN 2,977,183
BESPALKO, CHRISTOPHER J. 2,941,551
BETTI, GIUSEPPE 2,948,234
BEVILACQUA-LINN, MICHAEL 2,965,795
BEYOND ENERGY SERVICES & TECHNOLOGY CORP. 2,940,434
BEYOND ENERGY SERVICES & TECHNOLOGY CORP. 2,977,670
BILBO, TIMOTHY 2,978,241
BISHOP, DANIEL AUSTIN 2,977,122
BLACKBERRY LIMITED 2,970,222
BLACKBERRY LIMITED 2,977,220
BOHN, JAN-PETER 2,975,135
BOURASSA, GUY 2,940,509
BOYCHUK, STEPHEN 2,977,181
BOYD, GREGORY 2,940,925
BOYD, LAURA 2,940,925
BRERETON, CLIVE 2,940,509
BROWN, SEAN 2,965,795
BRUNSWICK CORPORATION 2,976,198
BRUNSWICK CORPORATION 2,976,204
BRUTON, ERIC A. 2,970,698
BUCHI, STEVEN 2,940,509
BURCH, PAUL 2,940,441
BURKE, BERTRAM V. 2,977,386
BURKE, MICHAELA C. 2,977,386
BYER, RICHARD L. 2,976,869
CALLAHAN, REBECCA A. 2,970,698
CALTAGIRONE, G. THOMAS 2,940,637
CARDINAL, CLIFFORD 2,958,451
CARIVEAU, PETER THOMAS 2,978,039
CASCADES SONOCO INC. 2,977,312
CASCADES SONOCO, INC. 2,940,370
CASIO COMPUTER CO., LTD. 2,974,777
CASIO COMPUTER CO., LTD. 2,974,814
CEM CORPORATION 2,977,720
CENTRE FOR DEVELOPMENT OF TELEMATICS (C-DOT) 2,977,247
CHA, CHONG M. 2,974,387
CHAN, PAUL MON-WAH 2,941,280
CHARLES, DANIEL A. 2,970,721
CHEN, BO 2,976,575
CHEN, HUINA 2,974,556
CHEN, QING 2,976,575
CHEN, YU-HAO 2,946,908
CHENG, CHIEH-MIN 2,975,495
CHIA, FRANCES 2,940,885
CHIKKEGOWDA, LIKHITH 2,968,093
CLARK, DEREK 2,974,432
CLARK, MARLIN E. 2,977,145
CLEARY, PAUL 2,965,795
CLINGMAN, DANIEL JOHN 2,971,619
CLOUTIER, SYLVAIN 2,940,544
CMP CANADA METAL PACIFIC LTD. 2,978,246
CNH INDUSTRIAL CANADA, LTD. 2,971,955
CNH INDUSTRIAL CANADA, LTD. 2,971,978
COLLINS, JONATHAN M. 2,977,720
COMCAST CABLE COMMUNICATIONS, LLC 2,965,795
CONNELLY, THOMAS J. 2,976,997
CONOCOPHILLIPS COMPANY 2,976,575
COOPER-STANDARD AUTOMOTIVE INC. 2,977,311
CORNELSEN, GILBERT W. 2,940,353
COULAS, DAVID 2,978,018
COURTNEY, SHELBY LEIGH 2,977,251
COUSINEAU, ROBERT 2,941,058
CRET, CLAUDIU 2,976,502
CUSACK, DALE 2,977,469
DEERE & COMPANY 2,940,857
DEFLECTO, LLC 2,977,507
DENOMME, DAVID ROBERT 2,977,294
DEPUY SYNTHES PRODUCTS, INC. 2,976,267
DHILLON, BRAHAM K. 2,974,569
DIAZ, CARLOS ENRIQUE 2,976,534
DING, HUIMIN 2,978,018
DOAN, NICHOLAS 2,974,387
DONAUER, JAROD 2,940,441
DORIGO, DAVID VICTOR 2,977,182
DUOJECT MEDICAL SYSTEMS INC. 2,940,544
DUSSEAULT, MAURICE BERNARD 2,970,509
DUTTA, PALLAB 2,977,247
DWORKIN, ALEXANDER CHARLES MARSHALL 2,977,302
EAST, GORDON W. 2,977,510
EATON CORPORATION 2,975,482
EDWARDS, JAMES W. 2,971,264
EICHLER, STEPHAN 2,977,227
ELLINGSON COMPANIES 2,978,207
ELLINGSON, JEREMY R. 2,978,207
ELLIOTT, BENJAMIN R. 2,978,241
ENGEL, DAVE 2,975,481
ETHICON, INC. 2,976,685
FANG, YAN 2,976,685
FATTAH, ABDEL RAHMAN ABDEL 2,978,159
FAZELI, AMIR 2,977,994
FILMER, MIKE 2,977,916
FINOL, JAVIER ADOLFO GARCIA 2,978,019
FINONA, MICHAEL SANTOS 2,977,250
FIRE CHIEF INDUSTRIES LLC 2,944,929

Index of Canadian Applications Open to Public Inspection
February 25, 2018 to March 3, 2018

FISCHER, ANNA-MARIA 2,975,135
FISCHER, ANNA-MARIA 2,976,470
FOLEY, PATRICK 2,977,507
FOSTER, GREGORY J. 2,978,241
FOUTCH, DAVID W. 2,970,697
FOX, SARA ELIZABETH 2,977,313
FREE, DANIEL E. 2,974,569
FULLEM, MARC ERIC 2,977,251
FUNG, PHIL 2,940,355
GADGE, MAHESHKUMAR YADAVRAO E., GIRI BABU 2,977,247
GALLIGHER, ROSS 2,974,387
GARAPATI, UPENDRA KUMAR 2,977,247
GARDNER, SCOTT H. 2,971,264
GAURAV, GALIB 2,977,773
GAW, KEVIN O'BRIEN 2,970,697
GELLIS, DAVID 2,977,733
GENERAL ELECTRIC TECHNOLOGY GMBH 2,976,664
GENG, FEI 2,978,159
GERSTLER, WILLIAM DWIGHT 2,976,534
GERVAIS, JOEL 2,971,955
GHOSH, SUVOJIT 2,978,159
GIANT MANUFACTURING CO., LTD. 2,977,784
GIESE, KATRIN 2,975,135
GILLARD, JASON M. 2,978,207
GOLINOWSKI, JEFFREY 2,977,187
GOODRICH CORPORATION 2,977,994
GOROCHOW, LACEY 2,976,267
GOULD, JAY 2,968,093
GOVINDARAJULU, RAVI 2,968,093
GOYON, ANNABELLE 2,974,806
GREEN, RON 2,940,434
GREEN, RON 2,977,670
GROBNIC, DAN 2,978,018
GROMES, KRISTEN E. 2,977,510
GROMES, TERRY DEAN, JR. 2,977,510
GROMES, TERRY DEAN, SR. 2,977,510
GRONINGA, KIRK LANDON 2,976,237
GROVE, RANDY J. 2,970,697
GUENO, ERIC 2,977,311
GUREVICH, VLADIMIR 2,976,397
HAID, SIMON 2,976,502
HALDENBY, PERRY AARON JONES 2,941,280
HAMEL, SIMON 2,940,544
HAMILTON SUNDSTRAND CORPORATION 2,976,403
HAMILTON SUNDSTRAND CORPORATION 2,977,983
HAMMAN, JACK 2,977,507
HANDSHAW, DARRAN MICHAEL 2,976,397
HANSEN, TED L. 2,977,511
HANSON, KEVIN MORRIS 2,940,368
HAVELKA, DANIEL LOUIS 2,977,159
HAWK OILFIELD SERVICES INC. 2,940,586
HAWKINS, DOUGLAS R. 2,975,494
HAYNES, DANNY N. 2,944,929
HENRY, JAMES W. 2,971,955
HENRY, JAMES W. 2,971,978
HIGARDEN INC. 2,940,355
HILDEBRAND, JAMES D. 2,940,367
HILSMAN, RUSSELL H. 2,978,207
HNATOVSKY, CYRIL 2,978,018
HOLMES, TYLER M. 2,971,264
HONEYWELL INTERNATIONAL INC. 2,968,093
HONEYWELL INTERNATIONAL INC. 2,973,882
HONEYWELL INTERNATIONAL INC. 2,977,773
HONMA, NAOYUKI 2,976,953
HORN, M. COLEMAN 2,977,733
HOSAMANE, SOMASHEKHAR M. MAHESWARAPPA 2,968,093
HOTTE, SYLVAIN 2,977,187
HOWLES, ROBERT M. 2,974,569
HSIUNG, CHANGMENG 2,976,567
HSU, CHE-WEI 2,977,784
HUANG, YAO-MIN 2,946,908
HUI, KA PO CATHERINE 2,971,955
HUMMEL, THOMAS 2,975,135
HUTCHINSON ACRES INC. 2,977,263
IBANEZ, JOSE 2,965,795
IGNACZAK, BRIAN 2,977,928
ILLINGWORTH, TROY 2,977,469
INGENICO GROUP 2,978,011
INSTITUTE FOR INFORMATION INDUSTRY 2,946,908
INTERLOCK USA, INC. 2,977,668
INTERNATIONAL THERMAL RESEARCH LTD. 2,941,576
INTEVA PRODUCTS, LLC 2,977,834
IOT CLOUD TECHNOLOGIES INC. 2,977,272
IRVING, ROY 2,977,507
ITT MANUFACTURING ENTERPRISES LLC 2,977,250
JACKOWSKI, JASON J. 2,971,327
JACKSON, WILLIAM C. 2,977,510
JACOBS, GEORGE 2,977,294
JAIN, PRIYANKA 2,977,247
JANJUA, BILAL 2,940,375
JENREE, RHONDA MARIE 2,977,222
JHOU, SHU-YU 2,977,784
JOHNSON, VICTOR W. 2,941,576
JONES, DYLAN E. 2,970,697
JONES, MARK 2,977,668
KANDAVEL, KARTHIKEYAN 2,968,093
KAPLAN, GIL 2,977,185
KARNOFSKI, KENT E. 2,971,327
KAYE, BRETT J. 2,940,857
KECK, PAUL 2,976,852
KENWORTHY, MICHAEL THOMAS 2,976,532
KENWORTHY, MICHAEL THOMAS 2,976,534
KERESTECIOGLU, ULVI 2,975,135
KERESTECIOGLU, ULVI 2,976,470
KETER PLASTIC LTD. 2,977,637
KEYSTONE AUTOMOTIVE INDUSTRIES, INC. 2,977,829
KEYSTONE LABS INC. 2,978,124
KIAROSTAMI, NADER 2,941,576
KIDD, RICHARD 2,974,387
KIM, YOUNGHWAN 2,977,220
KING ABDULLAH UNIVERSITY OF SCIENCE AND TECHNOLOGY 2,940,375
KING, JONATHAN CHARLES 2,977,251
KINLEN, PATRICK J. 2,968,572
KINLEN, PATRICK J. 2,970,698
KINLEN, PATRICK J. 2,970,721
KIRKLAND, DAVID 2,972,698
KIRKPATRICK, ANDY LEE 2,969,578
KITCHEN, DEREK 2,977,187
KOCIS, STEPHEN JOHN 2,969,578
KOSKI, CLIFTON, II 2,974,432
KOVAC, DAVID 2,977,834
KOVACS, TAMAS 2,959,043
KREUTER, KACEY JAMES 2,969,578
KRUSE, KURT 2,977,829
KUBICA, RYAN 2,977,728
KUBICHEK, BENJAMIN JAMES 2,977,159
L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE 2,975,194
LAGROTTA, SHAWN ROBERT 2,972,698
LAI, HSIN-I 2,946,908
LAPLANTE, LANA JEANAN 2,977,920
LAROCHE, NICOLAS 2,940,509
LARSON, MICHAEL H. 2,970,697
LAUSTEN, RUNE 2,978,018
LEATHERS, TODD M. 2,977,511
LEBLANC, RUSSELL 2,940,677
LEE, JOHN JONG SUK 2,941,280
LEMANCIK, MICHAEL J. 2,976,204
LESAGE, CLAUDE 2,940,784
LEVY, MOISE 2,977,560
LEWIS, CRYSTAL LYNN 2,977,506
LEWIS, CRYSTAL LYNN 2,977,509
LEWIS, MATTHEW J. 2,977,272
LEWIS, STEVEN JACKSON 2,977,506
LEWIS, STEVEN JACKSON 2,977,509
LI, LINDA M. 2,976,997
LIANG, QIUQIAN 2,977,495
LIAO, ALBERT 2,940,637
LIFETIME PRODUCTS, INC. 2,976,821
LILIEDAHL, DAVID 2,974,387
LINDE AKTIENGESELLSCHAFT 2,975,135
LINDE AKTIENGESELLSCHAFT 2,976,470
LINDSAY TRANSPORTATION SOLUTIONS, INC. 2,976,852
LINGELBACH, JESTON 2,970,697
LOCK, JASON 2,940,434
LOCK, JASON 2,977,670
LONG, JAY 2,977,507
LU, PING 2,978,018

Index des demandes canadiennes mises à la disponibilité du public
25 février 2018 au 3 mars 2018

LUCE, WILLIAM E. 2,977,994
LUNA, RAMON 2,974,569
LYALL, BRANT 2,977,928
MADGRIP HOLDINGS, LLC 2,977,733
MAGNA POWERTRAIN INC. 2,977,182
MAGNAN, JEAN-FRANCOIS 2,940,509
MAGNUSON, CHRISTOPHER 2,975,833
MAGNUSON, CHRISTOPHER 2,975,834
MAHBAZ, SEYEDBIJAN 2,970,509
MAMAN, ISRAEL 2,977,850
MAMAN, REUVEN 2,977,850
MARCELL, KEVIN F. 2,975,495
MARCHAND, NORMAN J. 2,940,637
MARION, BRIAN J. 2,975,495
MARTINKA, GLEN GEORGE 2,978,019
MASSOUD, MICHEL 2,940,926
MATSUNAGA, KAZUHISA 2,974,777
MATSUNAGA, KAZUHISA 2,974,814
MATSUNO, TAKESHI 2,972,196
MATSUTAKE, YOSHITAKA 2,977,238
MCDONALD, JODI COLLEEN 2,978,124
MCGREGOR, ALAN 2,976,664
MCMASTER UNIVERSITY 2,978,159
MCMASTER, LARRY 2,974,432
MCQUEEN, DENNIS ALAN 2,976,532
MEDIA LINKS CO., LTD. 2,977,572
MELECA, ELVIRA 2,978,159
MELITTA EUROPA GMBH & CO. KG 2,975,461
MENHEERE, DAVID 2,974,920
MEURE, SAM 2,972,956
MICLAU-S.R.I. INC. 2,940,784
MIDORI ANZEN CO., LTD. 2,976,554
MIGLIANICO, DENIS 2,977,141
MIHAILOV, STEPHEN 2,978,018
MILLER, GREGORY A. 2,944,929
MINTER, PETER 2,977,668
MISHRIKI, SARAH 2,978,159
MISRA, MANJU 2,975,803
MITTLEIDER, JOHN A. 2,971,264
MOGHBELI, OMIDREZA 2,978,246
MOHAN, RESHMA 2,977,773
MOHANTY, AMAR K. 2,975,803
MONGRAIN, YVON 2,940,370
MONGRAIN, YVON 2,977,312
MOOKAN, ARUMUGAKUMAR 2,973,882
MORRIS, SOSHA KAY 2,977,506
MORRIS, SOSHA KAY 2,977,509
MUELLER, ERIK 2,976,493
MUNEVAR, ERIK A. 2,970,376
NABORS DRILLING TECHNOLOGIES USA, INC. 2,975,833
NABORS DRILLING TECHNOLOGIES USA, INC. 2,975,834
NAKA, TSUKI 2,940,509
NARITA, KAZUKI 2,977,572
NATIONAL OILWELL VARCO, L.P. 2,978,019
NATIONAL RESEARCH COUNCIL OF CANADA 2,978,018
NEEDHAM, JEMMA LEE 2,940,857
NEILL, RAYMOND 2,977,294
NEMASKA LITHIUM INC. 2,940,509
NG, TIEN KHEE 2,940,375
NGUYEN, CHINH TRUNG 2,978,039
NGUYEN, NICK N. 2,976,685
NOK CORPORATION 2,975,705
NOK CORPORATION 2,976,953
NORMA U.S. HOLDING LLC 2,977,928
NORMAN, DENNIS JAY 2,976,821
NOVA-LINK LIMITED 2,943,207
NOVAR GMBH 2,977,227
NUNES, MITCHELL 2,977,829
NUWAVE INDUSTRIES INC. 2,977,469
O'BRIEN, NADA A. 2,976,567
OECHSLE, VICTOR L. 2,976,286
OIKAWA, YOSHITAKA 2,977,470
OMER, ODED 2,977,185
OMNIMAX INTERNATIONAL, INC. 2,978,241
ONAPSIS, INC. 2,977,852
OOI, BOON S. 2,940,375
ORBIS HEALTH SOLUTIONS, LLC 2,977,958
OSSMAN, BENJAMIN RYAN 2,976,852
OUBEI, HASSAN M. 2,940,375
OUELLET, BERTIN 2,940,509
OWENS CORNING INTELLECTUAL CAPITAL, LLC 2,978,361
OWENS, GEORGE F. 2,977,983
OWYANG, ETHAN CARL 2,972,698
OZUM, BAKI 2,977,524
PALUCK, KENNETH D. 2,971,955
PANASONIC ECOLOGY SYSTEMS GUANGDONG CO., LTD. 2,977,495
PEEK, WILLIAM J. 2,969,578
PEI, GUANGYU 2,972,698
PELLA CORPORATION 2,977,511
PEOPLES, GEORGE E., JR. 2,977,958
PETERSON, DAVID 2,977,928
PHILIBERT, ERIC 2,978,011
PLANK AND HIDE 2,976,493
PLANO MOLDING COMPANY 2,977,728
PLOENSE, DAVID MICHAEL 2,978,361
PMC INDUSTRIES, INC. 2,959,043
POLY DOME ONTARIO INC. 2,977,879
PRATT & WHITNEY CANADA CORP. 2,974,920
PRELIPCEANU, ALEXANDER 2,975,135
PRICE, JODY 2,940,441
PROPES, TRAVIS 2,977,313
PRZYBYL, ANDREW J. 2,976,198
PUBLIC TRANSPORTATION SAFETY INTERNATIONAL CORP. 2,973,308
PURI, ISHWAR K. 2,978,159
QUINN, CLAYTON 2,940,367
RABASCO, JOHN J. 2,975,494
RAFTER, ROBERT 2,977,507
RAHMAN, AZIZUR 2,940,355
RAJKUMAR, MALATHY 2,977,773
RAMAKRISHNAPILLAI, JAYAKUMAR 2,968,093
RASHID, S.M. MAMUN UR 2,978,019
REUTTER, SIEGFRIED 2,976,502
RICE, EDWARD CLAUDE 2,972,384
ROACH, KEVIN EDWARD 2,977,983
ROBBINS, SAMUEL S. 2,976,821
ROBERTS, STERLING 2,977,363
ROBERTSON, DANIEL BRYAN 2,976,237
ROBINSON, DAVID PETER 2,976,664
RODRIGUEZ-URIBE, ARTURO 2,975,803
ROGERS, SHEILA KAY 2,977,506
ROGERS, SHEILA KAY 2,977,509
ROHDE & SCHWARZ GMBH & CO. KG 2,967,273
ROHM AND HAAS COMPANY 2,975,494
ROHRMAN, KATHY 2,977,507
ROLLS-ROYCE CORPORATION 2,974,387
ROLLS-ROYCE HIGH TEMPERATURE COMPOSITES, INC. 2,974,387
ROLLS-ROYCE NORTH AMERICAN TECHNOLOGIES, INC. 2,970,376
ROLLS-ROYCE NORTH AMERICAN TECHNOLOGIES, INC. 2,972,384
ROSTEN, TREVOR 2,977,187
RUNYAN, GARY L. 2,977,581
RUNYAN, GARY L. 2,977,610
RUSS, FERNANDO 2,977,852
RUSSELL, GRETCHEN 2,977,507
SABHARWAL, ROBERT J. 2,946,826
SABHARWAL, ROBERT J. 2,982,231
SABO, JOHN RICHARD 2,977,182
SACHTLEBEN, ANDREAS 2,975,461
SAFRAN AERO BOOSTERS SA 2,976,930
SAFRAN AERO BOOSTERS SA 2,976,932
SAFRAN LANDING SYSTEMS UK LIMITED 2,976,093
SAKURAI, YOSHINORI 2,976,554
SAMPATHKUMAR, KARTHIC 2,977,773
SANDER, ELIZABETH J. 2,974,569
SANTORO, DONNA M. 2,969,578
SAS INSTITUTE INC. 2,974,556
SATO, YUKI 2,975,705
SCHAEFER, JOSEPH D. 2,971,264
SCHAFER, MARKUS 2,975,461
SCHMIDT, ROBERT KYLE 2,976,093
SCHOLZEN, WERNER 2,975,054
SEB S.A. 2,974,806
SHAFFER, KORY 2,970,697
SHARP, TIM 2,977,469
SHEARER, JON 2,976,403
SHEARER, JON 2,977,983
SHELDON, ROBERT W. 2,978,241
SHEN, CHAO 2,940,375
SHIMIZU, TAKESHI 2,977,572
SHIVASHANKARA, BELUR N. 2,970,697
SHOCKEY, JON. M., JR. 2,977,510
SIMONDS INTERNATIONAL L.L.C. 2,974,432
SINGH, SANDEEP K. 2,977,720
SIVACOE, ORLANDE 2,940,924
SKF MAGNETIC MECHATRONICS 2,970,492

Index of Canadian Applications Open to Public Inspection
February 25, 2018 to March 3, 2018

SKLAROFF, JEFF 2,940,408
SKOGEN, NICK P. 2,978,207
SMART TECHNOLOGIES ULC 2,940,408
SMITH, CRAWFORD F., III 2,976,286
SMITH, ROCKY LEE 2,977,222
SMITH, SCOTT M. 2,975,495
SNYDER, CURTIS 2,977,311
SNYDER, PHILIP H. 2,976,286
SONAVI, REZA 2,941,576
SPENLA, BRADLEY 2,965,795
SPX COOLING TECHNOLOGIES, INC. 2,977,688
SPX FLOW, INC. 2,975,481
STEELSCAPE, LLC 2,977,251
STEINER, YIGAL 2,977,637
STERLING INNOVATION INC. 2,977,363
STERLING, KARLA-GAE 2,989,628
STRATMAN, JASON 2,977,688
SULAJ, SOKOL 2,977,182
SUMITOMO HEAVY INDUSTRIES, LTD. 2,977,238
SYMBOL TECHNOLOGIES, LLC 2,976,397
SZARKA, RODERICK JAMES 2,978,124
SZARSKI, MARTIN 2,972,956
TAJIRI, GORDON 2,976,532
TAT, HONG H. 2,971,264
TERYDON, INC. 2,977,510
TEUFEL, DANIEL 2,976,502
THE BOEING COMPANY 2,968,572
THE BOEING COMPANY 2,970,697
THE BOEING COMPANY 2,970,698
THE BOEING COMPANY 2,970,721
THE BOEING COMPANY 2,971,264
THE BOEING COMPANY 2,971,327
THE BOEING COMPANY 2,971,619
THE BOEING COMPANY 2,972,672
THE BOEING COMPANY 2,972,698
THE BOEING COMPANY 2,972,956
THE BOEING COMPANY 2,976,997
THE GOODYEAR TIRE & RUBBER COMPANY 2,977,122
THE PROCTER & GAMBLE COMPANY 2,977,313
THE TORONTO-DOMINION BANK 2,941,280
TOMASETTE, KRISTOFER 2,965,795
TORELLI, STEPHANIE 2,974,806
TORIBIO, ANTHONY 2,969,578
TOSHIBA FUEL CELL POWER SYSTEMS CORPORATION 2,972,196
TOYOTA JIDOSHA KABUSHIKI KAISHA 2,972,389
TOYOTA JIDOSHA KABUSHIKI KAISHA 2,977,470
TREMBLAY, VINCENT 2,940,549
TREMBLAY, YAN 2,940,544
TRUMPOUR, ADAM 2,974,920
TYAGI, VIPIN B., SRIDHARAN 2,977,247
TYR TACTICAL, LLC 2,978,239
U.S. SILICA COMPANY 2,977,222
UNISON INDUSTRIES, LLC 2,976,532
UNISON INDUSTRIES, LLC 2,976,534
UNIVERSITY OF GUELPH 2,975,803
UNKNOWN 2,941,551
VAN DYK, ANTONY K. 2,975,494
VAN KLOMPENBURG, MARIO 2,977,511
VANBUUREN, DARREN 2,977,879
VANDE HAAR, EVAN R. 2,977,511
VANDER PARK, ANTONIUS A. 2,943,207
VANDEWINCKEL, JUDITH M. 2,975,495
VEILLEUX, ALAIN 2,977,263
VETCO GRAY INC. 2,977,159
VI-JON, INC. 2,969,578
VIAVI SOLUTIONS INC. 2,976,567
VIENS, MATHIEU 2,940,544
VINOGRADOV, IGOR 2,976,397
VYVEY, MORGAN 2,976,930
VYVEY, MORGAN 2,976,932
WAGNER, ROBERT JAMES 2,977,159
WAGNER, THOMAS E. 2,977,958
WAL-MART STORES, INC. 2,977,506
WAL-MART STORES, INC. 2,977,509
WALKER, ROBERT 2,978,018
WANG, YI YING 2,977,220
WARD, AARON J. 2,976,204
WEISSBEERGER LTD 2,977,185
WELLER, DAVID EARL, JR. 2,977,222
WERNER, ACHIM 2,976,502
WILLBURGER, PETER 2,976,502
WOOD, BURTON MARK 2,977,879
WOOD, CHRISTOPHER WILLIAM 2,970,222
WRIGHT MEDICAL TECHNOLOGY, INC. 2,974,569
WU, SHIH-JEN 2,977,222
XEROX CORPORATION 2,975,495
XIONG, TOM 2,975,482
XU, SHUGEN 2,976,477
YAMASHITA, HIDEO 2,972,389
YEH, TZONG IN 2,940,357
YEUNG, PETER 2,945,564
YOUNG, KENNETH W. 2,968,572
ZEHRER, STEPHAN 2,975,135
ZHEJIANG DINGLI MACHINERY CO., LTD. 2,976,477
ZHONG, KEVIN 2,975,482
ZHONG, SHENGHUI 2,977,495
ZURN INDUSTRIES, LLC 2,977,581
ZURN INDUSTRIES, LLC 2,977,610

Index of PCT Applications Entering the National Phase

Index des demandes PCT entrant en phase nationale

'T HOEN, BARTHOLOMEUS CORNELIS 2,994,400
10353744 CANADA LTD. 2,995,868
10353744 CANADA LTD. 2,995,869
10353744 CANADA LTD. 2,995,871
10353744 CANADA LTD. 2,995,875
10353744 CANADA LTD. 2,995,894
10353744 CANADA LTD. 2,995,899
10353744 CANADA LTD. 2,995,904
10353744 CANADA LTD. 2,995,908
10353744 CANADA LTD. 2,995,912
10353744 CANADA LTD. 2,995,916
10353744 CANADA LTD. 2,995,918
10353744 CANADA LTD. 2,995,919
10353744 CANADA LTD. 2,995,920
10353744 CANADA LTD. 2,995,921
360 YIELD CENTER, LLC 2,995,416
3M INNOVATIVE PROPERTIES COMPANY 2,994,821
3M INNOVATIVE PROPERTIES COMPANY 2,995,965
4D PHARMA RESEARCH LIMITED 2,988,661
AB INITIO TECHNOLOGY LLC 2,994,408
AB INITIO TECHNOLOGY LLC 2,994,420
ABB SCHWEIZ AG 2,995,797
ABB SCHWEIZ AG 2,996,076
ABEL, DEREK JAMES 2,994,227
ABEL, DEREK JAMES 2,994,546
ABEL, MILLER THOMAS 2,996,145
ABEL, STEFAN 2,994,405
ABELLA, ESTEBAN M. 2,994,265
ABIOMED, INC. 2,995,707
ABL IP HOLDING LLC 2,996,035
ABRAHAM, SINU BESSY 2,994,723
ACHARYA, REENA 2,994,721
AEQUUS PHARMACEUTICALS INC. 2,995,431
AFTON CHEMICAL CORPORATION 2,991,791
AGAR, JEFFREY N. 2,994,298
AGBIOME, INC. 2,995,596
AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH 2,994,906
AGRAWAL, PRATIK 2,994,723
AHMAD, RIZWAN 2,994,814
AHMOYE, DANIEL W. 2,995,511
AISEN, DANIEL CHARLES 2,958,397
AKERS, MICHAEL PATRICK 2,994,427
AKUTSU, YOSUKE 2,995,447
ALAN, BRAD 2,995,503
ALAN, ELIZABETH 2,995,503
ALBANNA, ROWENA LAMPA 2,995,465
ALBEMARLE CORPORATION 2,994,533
ALBEMARLE CORPORATION 2,994,738
ALBRECHT, JEREMY J. 2,996,066
ALDERSON, RALPH 2,995,709
ALEXANDER, TODD E. 2,995,616
ALIBABA GROUP HOLDING LIMITED 2,995,968
ALLEN-VERCOE, EMMA 2,995,714
ALLEN-VERCOE, EMMA 2,995,786
ALLERSDORFER, ANDREA 2,988,831
ALNYLAM PHARMACEUTICALS, INC. 2,994,285
ALON, SHAHAR 2,994,958
ALTIERI, DARIO CARLO 2,995,586
ALTMAN, GREGORY H. 2,992,462
ALVAREZ-DORTA, DIMITRI ALEXANDER 2,994,778
ALVES NUNES, TIAGO 2,994,345
ALVES NUNES, TIAGO 2,994,347
ALVES NUNES, TIAGO 2,994,352
AMARAL, PEDRO 2,994,498
AMATO, JOSE 2,994,781
AMAYEH, GHOLAMREZA 2,995,756
AMAZON TECHNOLOGIES, INC. 2,994,701
AMBRECHT, ADAM 2,995,821
AMEND, THOMAS ALOISIUS VALENTINUS 2,994,609
ANAI, MAO 2,995,835
ANALYTICS FOR LIFE INC. 2,996,096
ANDERSEN, DAN 2,994,799
ANDERSON, AUSTIN 2,995,460
ANDERSON, FRANCES PATRICIA 2,996,109
ANDREYCHUK, MARK 2,995,420
ANGMAN, PER 2,995,420
ANIC, MIRO 2,995,495
ANZENBERGER, HANS-LUKAS 2,994,491
AOKI, SATOSHI 2,995,554
APPLIED MEDICAL RESOURCES CORPORATION 2,994,554
APPLIED MEDICAL RESOURCES CORPORATION 2,996,066
APURANO LIFE SCIENCES GMBH 2,994,620
ARC BIO, LLC 2,995,983
ARKO, ZORAN 2,995,809
ARMSTRONG, CHARLES DAVID 2,994,960
ARMSTRONG, DUSTIN D. 2,995,673
ARMSTRONG, NICK 2,995,492
ARRACHART, GUILHEM 2,994,636
ARTHUR, SAMUEL DAVID 2,994,808
ASAKURA, MIKIO 2,995,447
ASHOURIAN, JAMSHID 2,994,718
ASHWORTH, CHRISTOPHER KEN 2,994,863
ASHWORTH, CHRISTOPHER KEN 2,994,870
ASIRI, MOHAMMAD SAMEER 2,979,698
ASPYRIAN THERAPEUTICS, INC. 2,994,849
ASTELLAS PHARMA INC. 2,995,554
ASTERIAS BIOTHERAPEUTICS, INC. 2,995,634
ASTRAND, ANNIKA BIRGITTA MARGARETA 2,995,430
AULER, THOMAS 2,994,603
BABYLISS FACO SPRL 2,988,447
BACHAR, YEHUDA 2,995,825
BACHMAN, TROY DALE 2,994,546
BACHMANN, MARTIN 2,994,353
BACK, JAAP WILLEM 2,994,214
BAILEY, AARON 2,995,856
BAJPAI, MALINI 2,996,017
BAKER HUGHES, A GE COMPANY, LLC 2,994,563
BAKER HUGHES, A GE COMPANY, LLC 2,994,939
BAKER HUGHES, A GE COMPANY, LLC 2,994,960
BAKER, AMANDA 2,996,051
BAKER, DAVID 2,988,651
BAKER, DEREK BRUCE 2,995,713
BAKER, MICHAEL 2,995,940
BAKER, PAUL 2,995,452
BAKER, SHENDA 2,995,711
BALAN, MIHAI M. 2,994,944
BALASUBRAMANIAM, SWARNA 2,995,686
BALASUNDARAM, ANURADHA 2,986,824
BAMBER, LISA 2,994,346
BANNISTER, ROBIN MARK 2,994,899
BAOSHAN IRON & STEEL CO., LTD. 2,995,720
BARANOWSKI, DAVID 2,995,605
BARATTA, ANTHONY 2,995,752
BARD, JONATHAN 2,995,847
BARDI, NICOLAS 2,994,642
BARICEVIC-JONES, IVONA 2,986,824
BARKER, MATTHEW LLOYD 2,995,494
BARNES, WILLIAM 2,994,864
BARNICH, NICOLAS 2,994,778
BARON INVESTMENTS LLC 2,995,752
BARRON, JONATHAN TILTON 2,995,857
BARTLETT, ROGER DANFORTH 2,994,711
BASADONNA, GIACOMO 2,994,946

BASELL POLIOLEFINE ITALIA S.R.L. 2,994,495
BASF CORPORATION 2,995,456
BASF SE 2,994,250
BASF SE 2,994,399
BASTOS, CESAR DA SILVA 2,995,601
BASTOS, CESAR DA SILVA 2,995,602
BASTOS, CESAR DA SILVA 2,995,636
BATTOCCHIO, FRANCESCO 2,994,940
BAUER, RALF 2,994,399
BAXTER HEALTHCARE SA 2,995,463
BAXTER INTERNATIONAL INC. 2,995,463
BAYER CROPSCIENCE AKTIENGESELLSCHAFT 2,994,603
BAYER CROPSCIENCE AKTIENGESELLSCHAFT 2,994,604
BAYER CROPSCIENCE NV 2,994,588
BAYER HEALTHCARE LLC 2,995,398
BAYS, F. BARRY 2,995,627
BEACH, ANDREW 2,995,589
BEAN, BRUCE P. 2,994,545
BEARDON, ROBY 2,994,303
BECERRA, MATTHEW M. 2,996,066
BECTON DICKINSON ROWA GERMANY GMBH 2,994,774
BECTON DICKINSON ROWA GERMANY GMBH 2,994,775
BEDNAR, GEOFF 2,995,811
BEDWORTH, PETER V. 2,994,378
BEDWORTH, PETER V. 2,994,549
BEDWORTH, PETER V. 2,994,664
BEDWORTH, PETER V. 2,994,934
BEEM BIOLOGICS INC. 2,994,299
BEEM, LANCE WILLIAM 2,994,299
BEIJING GAOYI INFORMATION TECHNOLOGY CO., LTD. 2,995,419
BEL AIBA, RACHIDA SIHAM 2,988,831
BEL AIBA, RACHIDA SIHAM 2,994,631
BELCHER, DONALD ANTHONY 2,996,055
BELKE, JEFF 2,995,436
BELL SPORTS, INC. 2,995,958
BELLAMY, FRANCOIS 2,994,778
BENEDETTI, LUCA 2,994,765
BENGT I. SAMUELSSON INSTITUTE OF LIFE SCIENCE RESEARCH 2,995,549
BENGTSSON, HANS 2,996,071
BENGTSSON, JON 2,995,841
BENKO, DURDICA 2,994,491
BENSI, DONATA 2,994,585
BERDY, DAVID FRANCIS 2,994,820
BERGER, RYAN R. 2,996,141
BERGER, SVEN 2,994,631
BERGONZELLI DEGONDA, GABRIELA 2,994,345
BERGONZELLI DEGONDA, GABRIELA 2,994,347
BERGONZELLI DEGONDA, GABRIELA 2,994,352
BERRIS, RICHARD E., JR. 2,995,453
BETZ, ULRICH 2,994,741
BEVERAGE, KEVIN 2,994,962
BIANCALANA, PHILIP 2,996,078
BIEL, MERRILL 2,994,849
BIGIO, AIDYMAR 2,994,814
BIN ABDUL AZIZ, KHAIRUL 2,995,557
BIN MD ISA, MOHD AZLAN 2,995,557
BIN MOHD AMIN, ABDUL MALEK 2,995,557
BINSTOCK, MARK W. 2,994,407
BIOMARIN PHARMACEUTICAL INC. 2,994,280
BIOMET 3I, LLC 2,994,292
BIONTECH RNA PHARMACEUTICALS GMBH 2,994,344
BIRD, GREGORY H. 2,995,479
BISHOP, ALLISON BRETON 2,958,397
BLACK, ELAINE 2,995,848
BLAINE, FRED 2,995,589
BLAIR, HAROLD 2,995,828
BLANCO GONZALEZ, MARIA DOLORES 2,994,402
BLANCO GONZALEZ, MARIA DOLORES 2,994,489
BLANGE, JAN-JETTE 2,994,434
BLANKENHORN, BENJAMIN EDWARD 2,994,972
BLANKENSHIP, LARRY O. 2,994,946
BLOOM, PAUL I. 2,994,946
BLOOMBERG, DANIEL 2,994,432
BLUEPRINT MEDICINES CORPORATION 2,994,819
BLUM, JOHN 2,994,813
BOCHENKO, WALTER JOHN 2,994,976
BODDAPATI, SARATHI 2,996,007
BODE, HELGE B 2,994,582
BODKHE, RAJAN B. 2,995,965
BOER, VIKTOR MARIUS 2,994,355
BOGENSCHUTZ, PETER 2,994,340
BOLTERSDORF, HANS-JOACHIM 2,995,633
BOND, STEPHEN PETER 2,994,350
BONVINI, EZIO 2,995,709
BORNE, REBECCA 2,995,672
BOROVINSKAYA, MARINA 2,995,431
BORSS, CHRISTIAN 2,994,382
BOSHUIZEN, RONALD 2,994,214
BOSTON SCIENTIFIC SCIMED, INC. 2,994,294
BOSTON SCIENTIFIC SCIMED, INC. 2,994,296
BOUCKAERT, JULIE 2,994,778
BOWRON, JULIAN 2,995,397
BOYDEN, EDWARD STUART 2,994,957
BOYDEN, EDWARD STUART 2,994,958
BOYLE, MICHAEL 2,996,034
BOZHUEYUEK, KENAN 2,994,582
BRADNER, JAMES 2,994,969
BRAND, WERNER 2,994,620
BRANDEIS UNIVERSITY 2,994,298
BRANDT-SANZ, MIGUEL 2,995,487
BRANDT-SANZ, MIGUEL 2,995,488
BRANDT-SANZ, MIGUEL 2,995,489
BRAUER, PETER 2,994,906
BRAY, JAMES WILLIAM 2,994,528
BRAY, JAMES WILLIAM 2,994,534
BRENNEIS, CHRISTIAN 2,994,638
BREUER, JORG 2,994,784
BREW, JOHN 2,994,899
BREWER, JOEL D. 2,995,999
BREWER, JOEL D. 2,996,002
BREWER, JOEL D. 2,996,005
BRIGHTGENE BIO-MEDICAL TECHNOLOGY CO., LTD. 2,995,613
BRISTOL-MYERS SQUIBB COMPANY 2,994,703
BRISTOL-MYERS SQUIBB COMPANY 2,994,717
BROCKMANN, JURGEN 2,994,338
BROKONIER, STEPHAN 2,994,775
BROOME, JOHN TODD 2,995,682
BROOME, JOHN TODD 2,995,685
BROUSSEAU, DAVID 2,995,707
BROWN, CHRISTOPHER JOHN 2,995,847
BRUNE, NICOLE 2,994,491
BRUNING, DIRK 2,994,602
BSHARA, NAFEA 2,994,701
BUCHANAN, BETH 2,995,605
BUCKINGHAM, BEN 2,995,492
BUCKLEY, DENNIS 2,994,969
BUCKNAM, LAURA E. 2,994,946
BUIS, GERRIT ARIE 2,994,504
BULLENS, SHERRY 2,994,280
BULLOCK, WILLIAM 2,994,423
BUNKER, THOMAS 2,994,979
BUNTING, STUART 2,994,280
BURKE, PETER A. 2,995,165
BURKHARDT, STEPHEN E. 2,994,808
BURMASTER, DOUGLAS 2,996,134
BURNETT, JOSEPH HENRY 2,995,368
BURNS, NATHAN LEE 2,994,701
BURTON, TIMOTHY 2,996,096
BUSHEE, DON RAMON 2,994,984
BUTLER, STEPHEN MICHAEL 2,994,299
CACCIAGLIA, ROBERTO 2,994,599
CAGLIO, GIOVANNI 2,994,585
CAI, XUEFEI 2,995,723
CAI, XUEFEI 2,995,726
CAISSON INTERVENTIONAL LLC 2,995,603
CALDWELL, DAVID G. 2,995,843
CALHOUN, FRANKLIN CLARENCE 2,995,980
CAMESANO, TERRI A. 2,995,616
CAMIER, NICOLAS 2,995,652
CAMRAS VISION INC. 2,995,580
CAMRAS, LUCINDA J. 2,995,580
CANAVAN, KRISTINE 2,996,096
CANTAB BIOPHARMACEUTICALS PATENTS LIMITED 2,994,891
CAO, YIJUN 2,995,426
CAPARROS-WANDERLEY, WILSON 2,994,899
CAPE ANALYTICS, INC. 2,995,850
CAPE, JAMES M. 2,958,397
CARCEDO BLANCO, DANIEL 2,994,768

CARDIOGUIDANCE BIOMEDICAL, LLC 2,995,932
CARLIER, VINCENT 2,995,771
CARMICHAEL, STANLEY T. 2,995,634
CARNEY, LAURA 2,995,741
CAROLLO, JERRY 2,995,746
CARPENTER, COLIN MOREHOUSE 2,995,473
CARPENTER, MEREDITH L. 2,995,983
CARRAFA, JOSEPH 2,995,458
CARRIER, JEAN 2,994,497
CARSGEN THERAPEUTICS, LTD 2,996,060
CARSWELL, SAMUEL ALLEN 2,994,559
CARTER, ADAM 2,995,405
CASALE SA 2,994,591
CASTAING, JEAN-CHRISTOPHE 2,994,955
CASTANEDA GUTIERREZ, EURIDICE 2,994,223
CATERPILLAR INC. 2,994,944
CATEXEL TECHNOLOGIES LIMITED 2,988,840
CATEXEL TECHNOLOGIES LIMITED 2,988,844
CELLAEGIS DEVICES INC. 2,995,550
CELLECTIS 2,994,746
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS) 2,994,778
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE 2,994,636
CEPRESS, CARL 2,995,460
CEVA SAUDE ANIMAL LTDA 2,995,636
CEVA SAUDE ANIMAL LTDA. 2,995,601
CEVA SAUDE ANIMAL LTDA. 2,995,602
CHALIMEDA, NARESH 2,994,831
CHALOPIN, THIBAULT 2,994,778
CHAMPIONS ONCOLOGY, INC. 2,995,574
CHAN, AMY 2,994,285
CHANG, CHIH-WEI 2,994,692
CHANG, FEI 2,995,854
CHANG, JINLAN 2,995,494
CHANGZHOU JIEKAI PHARMATECH CO., LTD. 2,996,018
CHDI FOUNDATION, INC. 2,995,847
CHEFD'HOTEL, CHRISTOPHE 2,994,911
CHEMO RESEARCH, S.L. 2,994,781
CHEMTREAT, INC. 2,995,721
CHEN, ANDREW XIAN 2,995,392
CHEN, CHING-YEH 2,995,507
CHEN, FEI 2,994,957
CHEN, FEI 2,994,958
CHEN, HAILIANG 2,995,392
CHEN, HANGJUN 2,994,690
CHEN, JING 2,995,514
CHEN, MINHUA 2,995,133
CHEN, YAN 2,995,882
CHEN, YIMING 2,995,421
CHENEVAL, DOMINIQUE 2,996,064
CHENG, CHI HUNG 2,994,738
CHENG, SUK HANG 2,995,422
CHEVRON U.S.A. INC. 2,994,978
CHEVRON U.S.A. INC. 2,994,981
CHEVRON U.S.A. INC. 2,994,984
CHHABRA, ANUPMA 2,994,814
CHICHILI, GURUNADH REDDY 2,995,709
CHILDREN'S MEDICAL CENTER CORPORATION 2,994,545
CHILDREN'S RESEARCH INSTITUTE, CHILDREN'S NATIONAL MEDICAL CENTER 2,995,582
CHIN, EILEEN SUN 2,994,849
CHIN, LEE 2,996,081
CHINA UNIVERSITY OF MINING AND TECHNOLOGY 2,995,426
CHIU, ROSSA WAI KWUN 2,995,422
CHIYODA CORPORATION 2,995,667
CHO, BRIAN HONEWEE 2,995,827
CHO, BRIAN HONEWEE 2,995,837
CHO, MIN YOUNG 2,995,464
CHOI, MOO EOB 2,995,464
CHOKHAWALA, RAHUL 2,994,534
CHOKHAWALA, RAHUL SHANTILAL 2,994,528
CHOPADE, PRASHANT D. 2,996,044
CHOQUETTE, GEORGE 2,995,593
CHOU, TIANWEI 2,994,280
CHOW, THOMAS KING 2,994,281
CHOYKE, PETER 2,994,822
CHRISTE, MICHAEL EDWARD 2,994,427
CHRISTIANO, ANGELA 2,995,750
CHUANG, TZU-DER 2,995,507
CHUAQUI, CLAUDIO EDMUNDO 2,995,430
CHUNG, FRANCIS 2,958,397
CHURCH, JEFFREY 2,995,572
CICCHILLO, ROBERT 2,995,705
CICENAS, CHRIS W. 2,996,141
CIRCULOGENE THERANOSTICS, LLC 2,995,468
CIS FORSCHUNGSINSTITUT FUR MIKROSENSORIK GMBH 2,994,341
CLARK EQUIPMENT COMPANY 2,994,407
CLARK-FREW, DANIEL 2,995,847
CLEARH2O, INC. 2,994,970
CLEMENTS, BRUCE R. 2,979,698
CLERC, CLAUDE O. 2,994,294
CLERC, CLAUDE O. 2,994,296
CLINE, GARY LEE 2,994,227
CLINE, GARY LEE 2,994,546
CLOUD, GEORGE BENJAMIN 2,994,299
CLYNES, RAPHAEL 2,995,750
CO2 SOLUTIONS INC. 2,996,077
CODUKTE BOLTERSDORF 2,995,633
COE, SAMUEL 2,995,847
COGHILL, PETER JOHN 2,995,594
COLE, MICHAEL R. 2,995,930
COLGATE-PALMOLIVE COMPANY 2,994,931
COLGATE-PALMOLIVE COMPANY 2,996,057
COLLIAS, DIMITRIS IOANNIS 2,994,433
COLLIAS, DIMITRIS IOANNIS 2,994,448
COLLIAS, DIMITRIS IOANNIS 2,994,557
COLLIAS, DIMITRIS, IOANNIS 2,994,446
COLLINS, HELEN 2,994,265
COLPAERT, FILIP 2,994,225
COMADRAN, JORDI 2,994,405
COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES 2,994,642
COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION 2,994,714
COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION 2,995,594
COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION 2,995,597
CONNELL, JAMES PATRICK 2,995,572
CONNOLLY, JOHN EDWARD 2,994,906
CONOCOPHILLIPS COMPANY 2,995,583
CONOCOPHILLIPS COMPANY 2,995,998
CONOCOPHILLIPS COMPANY 2,995,999
CONOCOPHILLIPS COMPANY 2,996,002
CONOCOPHILLIPS COMPANY 2,996,005
CONOCOPHILLIPS COMPANY 2,996,081
CONSTELLATION PHARMACEUTICALS, INC. 2,994,394
CONTECH ENGINEERED SOLUTIONS LLC 2,995,569
CONTINENTAL REIFEN DEUTSCHLAND GMBH 2,994,338
CONTINENTAL REIFEN DEUTSCHLAND GMBH 2,994,340
CONTITECH TRANSPORTBANDSYSTEME GMBH 2,996,046
COOGEE TITANIUM PTY LTD 2,995,592
COOK, PATRICK 2,994,863
COOK, PATRICK 2,994,870
COPPOLA, STEPHEN J. 2,994,885
CORBETT, SCOTT C. 2,995,707
CORMIER, TIMOTHY J. 2,995,569
CORNING INCORPORATED 2,994,236
CORNING INCORPORATED 2,994,284
CORNING OPTICAL COMMUNICATIONS LLC 2,995,937
COSER, RICHARD 2,994,978
COSTELLO, CAROL ANN 2,986,824
COTTON, DEAN A. 2,995,453
COURCHAY, FLORENCE CATHERINE 2,995,480
COURCHAY, FLORENCE CATHERINE 2,995,487
COURCHAY, FLORENCE CATHERINE 2,995,488

COURCHAY, FLORENCE CATHERINE 2,995,489
COVESTRO DEUTSCHLAND AG 2,994,602
COVESTRO LLC 2,994,271
COVESTRO LLC 2,994,273
COVEZZI, MASSIMO 2,994,495
COVIDIEN AG 2,995,612
COVIDIEN AG 2,995,615
COYLE, SCOTT M. 2,995,389
COYNE SCIENTIFIC, LLC 2,995,767
COYNE, KEVIN P. 2,995,767
COYNE, SHAWN T. 2,995,767
CRAWFORD, ALISON 2,994,245
CRAWFORD, DAVID 2,994,768
CRAWFORD, DON 2,996,096
CRISI MEDICAL SYSTEMS, INC. 2,994,976
CRISP, JASON D. 2,995,443
CRITTENDEN, BRADLEY ARTHUR 2,995,841
CRYSTAL BIOSCIENCE INC. 2,995,724
CRYSTAL PHARMATECH CO., LTD. 2,995,133
CUI, HAIFENG 2,995,715
CUMMING, DAVID XAVANTE 2,995,480
CUMMING, DAVID XAVANTE 2,995,484
CUMMING, DAVID XAVANTE 2,995,487
CUMMING, DAVID XAVANTE 2,995,488
CUMMING, DAVID XAVANTE 2,995,489
CVS PHARMACY, INC. 2,994,721
CZYZEWSKI, JAN 2,996,076
DAHN, JEFFREY R. 2,994,821
DAIGLE, RICHARD 2,996,077
DALL'OCCO, TIZIANO 2,994,495
DANA CANADA CORPORATION 2,995,725
DANA CANADA CORPORATION 2,995,890
DANA-FARBER CANCER INSTITUTE, INC. 2,994,969
DANA-FARBER CANCER INSTITUTE, INC. 2,995,479
DANMARKS TEKNISKE UNIVERSITET 2,988,874
DANON, AVIHAI 2,995,826
DAS, SANJIB 2,996,017
DAS, SOUMYA 2,992,845
DASH LLC 2,994,556
DAVIDSON, ROBERT 2,994,979
DAVIS, BRIAN DALE 2,994,930
DAVIS, NATHAN JOHN 2,994,423
DAVIS, TAYLOR 2,995,820
DAYTON, PAUL 2,995,627
DE BRUIJN, CAROLUS WILHELMUS MARIA 2,994,400
DE NORA PERMELEC LTD 2,995,836
DE OLDE, REMI 2,994,504
DEAKIN UNIVERSITY 2,996,062
DEBORA, MITCHELL OLIVER 2,996,031
DECK, MATTHIAS 2,994,592
DECKER, STEVEN E. 2,994,554
DECKMAN, HARRY W. 2,994,861
DEDEYAN, ARAM ARMAND 2,995,489
DEEP EXPLORATION TECHNOLOGIES CRC LIMITED 2,995,589
DEESE, MYRON 2,995,980
DEFRANKS, MICHAEL S. 2,994,301
DEGNAN, THOMAS F. 2,994,303
DEISING, HOLGER 2,994,763
DEKA PRODUCTS LIMITED PARTNERSHIP 2,994,536
DEL PRADO, MIRIAM FILADELFA 2,994,428
DELEU, STEPHEN 2,995,989
DELIVRA INC. 2,995,605
DELLANGELO, SCOTT M. 2,994,689
DEN BOER, BART 2,994,588
DENG, HONGYU 2,994,612
DENSO-HOLDING GMBH & CO. 2,996,084
DEPERRO, JASON 2,995,460
DERKACZ, PATRICK R. 2,995,511
DESBIENS, JEAN-PHILIPPE 2,995,609
DESICCARE, INC. 2,994,972
DESPLAND, CLAUDE-ALAIN 2,996,070
DESPLAND, CLAUDE-ALAIN 2,996,080
DETS, SERGIY 2,996,034
DEUTSCH, KEENAN 2,995,456
DEUTSCHE TELEKOM AG 2,994,784
DEWEY, DAVID A. 2,994,799
DEXTRAZE, JEAN-PHILIPPE 2,995,609
DHAR, MURALI T.G. 2,994,703
DHAR, T. G. MURALI 2,994,717
DI PAOLO, JULIE 2,994,265
DIA-VIT LTD. 2,995,809
DIAO, ZHAOLU 2,994,503
DICKSON, BRUCE 2,994,271
DICKSON, BRUCE 2,994,273
DIGITALGLOBE, INC. 2,994,834
DIGNITY HEALTH 2,995,803
DILLON, PETER 2,995,832
DIOLI, PAUL 2,994,970
DIRKS, JAN-HENNING 2,994,503
DIZAL (JIANGSU) PHARMACEUTICAL CO., LIMITED 2,995,430
DOBLIN, CHRISTIAN 2,995,592
DOMINGUEZ, CELIA 2,995,847
DOMINGUEZ, ESTEBAN 2,994,428
DOMIT, ED 2,994,962
DOMON, HIROKI 2,995,836
DONG, WEILI 2,995,494
DONNELLY, JAMES 2,995,930
DOW AGROSCIENCES LLC 2,995,572
DOW AGROSCIENCES LLC 2,995,705
DOW GLOBAL TECHNOLOGIES LLC 2,994,682
DOWNING, JOHN MILTON 2,994,704
DR. REDDY'S LABORATORIES LTD. 2,994,748
DRAYE, MICHELINE 2,994,636
DREAMWELL, LTD. 2,994,301
DRUMMOND, SCOTT 2,994,248
DSM IP ASSETS B.V. 2,994,355
DU, CHAO 2,995,882
DUAN, JINGWU 2,994,703
DUAN, JINGWU 2,994,717
DUBE, FRANCOIS 2,995,609
DUCHESNE, MARC ALEXANDER 2,979,698
DUCKER FORDERTECHNIK GMBH 2,994,894
DUDGEON, DREW 2,994,245
DUFFY, EMER 2,996,062
DUMONT, THIERRY 2,995,728
DUONG, BAO 2,995,717
DUPUIS, ANN ALEXANDER 2,995,441
DUPUIS, DANNY 2,995,609
DUPUIS, JOHN 2,995,441
DURHAM, NICHOLAS MASON 2,994,346
DURIK, JUSTIN 2,994,979
DUSSEAUX, MATHILDE 2,994,746
DUSTERHOFT, RONALD G. 2,996,052
DUXSON, PETER 2,995,592
DYER, JONATHAN 2,994,966
E.I. DU PONT DE NEMOURS AND COMPANY 2,994,808
EBNETER, MATTHIAS 2,994,768
ECOLAB USA INC. 2,995,848
ECOLAB USA INC. 2,995,975
ECOLE NATIONALE SUPERIEURE DE CHIMIE DE MONTPELLIER 2,994,636
EHINGER, MARKUS 2,994,590
EHLE, AUSTIN 2,995,416
EICHEL, JUSTIN A. 2,995,866
EICHNER, TIMO 2,988,831
EICK, PETER M. 2,995,999
EICK, PETER M. 2,996,002
EICK, PETER M. 2,996,005
EJLERSEN, FLEMMING 2,994,915
ELANCO US INC. 2,995,626
ELBIT SYSTEMS OF AMERICA, LLC 2,994,852
ELEVATED HEALTH SYSTEMS, LLC 2,995,441
ELI LILLY AND COMPANY 2,994,425
ELI LILLY AND COMPANY 2,994,427
ELI LILLY AND COMPANY 2,994,428
ELI LILLY AND COMPANY 2,994,732
ELIYAHU, EREZ 2,995,826
ELZINGA, SYZTE 2,994,266
EMULATE, INC. 2,996,000
ENLIGHTENVUE, LLC 2,994,946
ENSYN RENEWABLES, INC. 2,995,845
ENTEROME 2,994,778
EQUIFAX INC. 2,994,770
EQUIFAX INC. 2,994,831
ESCARENO, ANGELICA ESTEFANIA 2,994,814
ESPINOZA, ABRAHAM 2,996,010
ESSILOR INTERNATIONAL 2,994,497
ETCHES, ROBERT 2,995,724
ETH ZURICH 2,996,103
EVDOKIMOV, ARTEM G. 2,995,275
EVERSOLE, LESLIE 2,994,689
EVOLUTION ENGINEERING INC. 2,995,511
EVOLUTION TECHNOLOGIES INC. 2,940,913

EVOQUA WATER TECHNOLOGIES LLC 2,996,068
EXXONMOBIL UPSTREAM RESEARCH COMPANY 2,994,812
EXXONMOBIL UPSTREAM RESEARCH COMPANY 2,994,813
EXXONMOBIL UPSTREAM RESEARCH COMPANY 2,994,815
EXXONMOBIL UPSTREAM RESEARCH COMPANY 2,994,861
EXXONMOBIL UPSTREAM RESEARCH COMPANY 2,994,864
EXXONMOBILE RESEARCH AND ENGINEERING COMPANY 2,994,303
EYE-GO A/S 2,994,593
EYRING, MATTHEW J. 2,994,761
F. HOFFMANN-LA ROCHE AG 2,994,600
F. HOFFMANN-LA ROCHE AG 2,994,601
F. HOFFMANN-LA ROCHE AG 2,994,606
FACEBOOK, INC. 2,994,423
FACEBOOK, INC. 2,994,814
FALK, KELVIN 2,995,862
FAN, YI 2,994,682
FAN, YIJING 2,996,040
FANG, JIANMIN 2,994,853
FANTUZZI, GLEN ROBERT 2,995,707
FARMER, JAY J. 2,994,395
FARMER, JAY J. 2,994,403
FARRELL, TIMOTHY SCOTT 2,995,713
FATTAL, DAVID A. 2,992,996
FATTAL, DAVID A. 2,994,231
FATTAL, DAVID A. 2,994,254
FECTEAU, MICHAEL T. 2,995,505
FELL, BARRY 2,995,832
FERGUSON, JOE WILLIAM 2,995,627
FEST, ERIC C. 2,994,936
FETTELSCHOSS, ANTONIA 2,994,353
FICKLING, JOSEPH D. 2,994,533
FIELD ORTHOPADICS PTY LTD 2,995,498
FIFE, STUART 2,995,925
FINA TECHNOLOGY, INC. 2,996,134
FINNIE, JASON D. 2,995,505
FIRST QUALITY PACKAGING SOLUTIONS, LLC 2,995,462
FISCHER, RUDIGER 2,994,604
FISCHER, WOLF-NICOLAS 2,994,404
FISHER CONTROLS INTERNATIONAL LLC 2,994,707
FLEISCHHACKER, FLORIAN 2,994,582
FLEMING, GRAHAM CHRISTOPHER 2,994,529
FLETCHER, KRISTIN 2,991,791
FLEXITALLIC INVESTMENTS, INC. 2,994,350
FLOERING, MICHAEL 2,990,611
FLOWSERVE MANAGEMENT COMPANY 2,994,417
FLUOR TECHNOLOGIES CORPORATION 2,994,281
FLUORCHEMIE GMBH FRANKFURT 2,995,773
FOLKS, GREGORY D. 2,994,563
FONG, JERRY 2,994,849
FORSBERG, ANDREW T. 2,995,603
FORTIER-POISSON, PASCAL 2,995,728
FOSTER, JOHN 2,994,600
FOSTER, TOBIAS 2,995,848
FOWLER, STEWART HAMPTON, JR. 2,996,052
FRADETTE, SYLVIE 2,996,077
FRAMROZE, BOMI P. 2,995,834
FRANCISCO, MANUEL A. 2,994,303
FRANCOEUR, ANGELICA J.B. 2,995,511
FRANDSEN, GREY 2,995,465
FRANGOS, MICHALIS 2,994,261
FRANK, KATRIN 2,994,651
FRANKEN, KLAUS 2,994,602
FRASSETTO, TIMO 2,994,399
FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V. 2,994,382
FREAKE, JACOB 2,996,000
FREEL, BARRY A. 2,995,845
FRIEDMAN, DANIEL 2,995,492
FRIPP, MICHAEL LINLEY 2,995,682
FRIPP, MICHAEL LINLEY 2,995,685
FRISNER, HENRIK 2,995,423
FRITSCH, DALE ALLEN 2,995,811
FROHLICH, MORITZ 2,992,940
FRONEK, DANIEL R. 2,995,965
FRONTWAVE - ENGENHARIA E CONSULTADORIA, S. A. 2,994,498
FU, HOUCHAO 2,995,729
FU, YINGFANG 2,995,968
FUJII, KAZUO 2,995,450
FUNKHOUSER, JAMES DOUGLAS 2,994,227
FUNKHOUSER, JAMES DOUGLAS 2,994,546
FURUKAWA, RYO 2,995,839
FURUYAMA, WAKAKO 2,995,922
GABRIELE, JOSEPH 2,995,605
GADODIA, RAJESH 2,994,408
GAKO INTERNATIONAL GMBH 2,994,909
GALDAMEZ PENA, JOSE ROMAN 2,994,489
GALDAMEZ PENA, ROMAN 2,994,402
GALEHOUSE, MARTIN SCOTT 2,995,797
GALERA LABS, LLC 2,994,845
GALLO, FEDERICO G. 2,994,815
GALONSKA, EREZ 2,994,337
GALONSKA, GUY 2,994,337
GALVEZ, PAULINA 2,994,831
GANESAN, KAVITHA 2,995,603
GANSKE, ROCKY EUGENE 2,995,550
GAO, BO 2,994,805
GAO, MIN 2,995,549
GARCIA RUIZ, MONICA 2,994,402
GARCIA RUIZ, MONICA 2,994,489
GARCIA-GUZMAN, MIGUEL 2,994,849
GARIPOV, OLEG 2,995,777
GARNER, JOHN 2,994,949
GAUGHAN, EDWARD W. 2,995,493
GE JENBACHER GMBH & CO OG 2,992,940
GE OIL & GAS, INC. 2,995,844
GEDIKLI, SUAT 2,995,850
GEGAS, VASILIS 2,994,405
GENERAL ELECTRIC COMPANY 2,994,528
GENERAL ELECTRIC COMPANY 2,994,531
GENERAL ELECTRIC COMPANY 2,994,534
GENERAL ELECTRIC COMPANY 2,994,691
GEORGE, DAVID 2,995,925
GEORGIA TECH RESEARCH CORPORATION 2,995,368
GEOX S.P.A. 2,994,486
GERBER, MARTIN T. 2,994,432
GERGES, IHAB EDWARD 2,995,890
GERRARD, DAVID PETER 2,994,350
GEUM, SEONG 2,994,831
GHARAT, LAXMIKANT ATMARAM 2,996,017
GHARPURAY, ARCHANA 2,995,593
GHOSH, MAINAK 2,994,303
GHOSH, SRIMOYEE 2,994,394
GIER, STEPHAN 2,995,434
GIGOUT, ANNE 2,994,638
GIJSEN, HENRICUS JACOBUS MARIA 2,995,161
GIL, CARLOS EDUARDO 2,995,627
GIL, LAHAV 2,995,550
GILEAD SCIENCES, INC. 2,994,265
GILL, JASBIR 2,995,975
GILLETTE, JAMES M. 2,995,934
GILLETTE, THOMAS D. 2,995,934
GILLETTE, ZANE M. 2,995,934
GIORGETTI, PAOLO LUCA MARIA 2,995,903
GLAXOSMITHKLINE INTELLECTUAL PROPERTY DEVELOPMENT LIMITED 2,995,715
GLENMARK PHARMACEUTICALS S.A. 2,996,017
GLENN, GREGORY 2,996,007
GLOBEIMMUNE, INC. 2,994,272
GLOCKNER, OLIVER 2,994,768
GLORIOSO, SAMMIE JOE 2,994,972
GMEDIX, INC. 2,994,262
GODFREY, MATTHEW 2,994,818
GODLEWSKI, JANE ELLEN 2,994,433
GODLEWSKI, JANE ELLEN 2,994,448
GODLEWSKI, JANE ELLEN 2,994,557
GODLEWSKI, JANE, ELLEN 2,994,446
GODWIN, BRIAN 2,994,601
GOEMAERE, JORIS 2,995,989
GOETZ, PHILIPP 2,994,382
GOKSEL, ORCUN 2,996,103
GOLDMAN, VINCENT 2,994,250
GOLIYA, ABHISHEK 2,994,810
GOMES, JOSHUA 2,996,000
GONSOULIN, RYAN MICHAEL 2,994,562

GONZALEZ, DELKIN ORLANDO 2,995,572
GONZALEZ, JUAN ALBERTO GALINDO 2,995,980
GOOCH, ANNA 2,995,599
GOOGLE LLC 2,995,746
GOOGLE LLC 2,995,857
GOOI, PATRICK 2,995,546
GOOS, NIELS 2,994,595
GORDLEY, RUSSELL M. 2,995,389
GORGENS, ULRICH 2,994,604
GOTO, NAOKI 2,988,370
GOTO, TAKUYA 2,988,370
GOTTLIEB, REBECCA K. 2,994,726
GOUIN, SEBASTIEN 2,994,778
GOURGUECHON, STEPHANE B. 2,995,983
GOYAL, RAJESH 2,994,955
GRAHAM, CURT 2,994,281
GRANDHEE, SUNITHA 2,994,250
GRANT, GEORGE 2,988,661
GRAPHIC PACKAGING INTERNATIONAL, LLC 2,994,295
GRECU, TUDOR 2,995,430
GREELEY, JOHN PETER 2,994,303
GREEN, SAMANTHA LOUISE JONES 2,995,847
GREENE, GEORGE W. 2,996,062
GREENLIGHT ME, INC. 2,995,415
GREIG, SCOTT ROBERT 2,996,052
GREMAUD, NICOLAS 2,995,564
GRIES, RENE 2,994,768
GRIMSTER, NEIL PATRICK 2,995,430
GRISOLIA, ANTHONY 2,994,271
GRISOLIA, ANTHONY 2,994,273
GROSMAN, BENYAMIN 2,994,726
GROSS, DIETMAR 2,994,775
GROSS, KATHY 2,995,811
GRYSHCHUK, OLEG 2,996,084
GSTETTNER, ALEXANDER 2,994,755
GUANGDONG OML TECHNOLOGY CO., LTD. 2,947,837
GUEHRING, HANS 2,994,638
GUEU, STEPHANE 2,994,497
GUI, XIAHUI 2,995,426
GUO, DEQI 2,994,428
GUO, GUANGSHENG 2,996,057
GUO, HANZHENG 2,996,051
GUO, JING 2,996,051
GUO, XINYAN 2,995,423
GUO, ZHIMIN 2,994,272
GUO, ZHIQIANG 2,994,720
GUPTA, PIYUSH 2,994,748
GUPTA, SUNNY 2,996,096
HABER, LAURIC 2,994,245
HADRUP, SINE REKER 2,988,874
HAGE, RONALD 2,988,840
HAGE, RONALD 2,988,844
HAGEDOORN, MICHIEL 2,995,722
HAGER, DOMINIK 2,994,604
HALLEN, PAUL R. 2,996,078
HALLIBURTON ENERGY SERVICES, INC. 2,994,227
HALLIBURTON ENERGY SERVICES, INC. 2,994,529
HALLIBURTON ENERGY SERVICES, INC. 2,994,546
HALLIBURTON ENERGY SERVICES, INC. 2,994,805
HALLIBURTON ENERGY SERVICES, INC. 2,994,806
HALLIBURTON ENERGY SERVICES, INC. 2,994,807
HALLIBURTON ENERGY SERVICES, INC. 2,994,930
HALLIBURTON ENERGY SERVICES, INC. 2,995,448
HALLIBURTON ENERGY SERVICES, INC. 2,995,449
HALLIBURTON ENERGY SERVICES, INC. 2,995,588
HALLIBURTON ENERGY SERVICES, INC. 2,995,682
HALLIBURTON ENERGY SERVICES, INC. 2,995,685
HALLIBURTON ENERGY SERVICES, INC. 2,995,739
HALLIBURTON ENERGY SERVICES, INC. 2,995,946
HALLIBURTON ENERGY SERVICES, INC. 2,996,040
HALLIBURTON ENERGY SERVICES, INC. 2,996,044
HALLIBURTON ENERGY SERVICES, INC. 2,996,052
HALLIBURTON ENERGY SERVICES, INC. 2,996,055
HALLIBURTON ENERGY SERVICES, INC. 2,996,115
HALO-BIO RNAI THERAPEUTICS, INC. 2,995,995
HALUCK, RANDY 2,995,832
HAMMER, PHILIP E. 2,995,596
HAMPTON, JESSE CLAY 2,995,588
HAN, HUIMIN 2,995,729
HANDLER, JONATHAN ALAN 2,995,463
HANNETON, LAURENT 2,994,405
HAO, YALIN 2,994,981
HAO, YALIN 2,994,984
HAPPACH, HELMUT 2,996,075
HARDE, RAJENDRA LAXMAN 2,996,017
HARDY, THOMAS ANDREW 2,994,427
HARKNESS SCREENS INTERNATIONAL LIMITED 2,994,499
HARNESS, ERIC 2,995,983
HARRIMAN, WILLIAM DON 2,995,724
HARRISON, DAVID 2,994,499
HART, JOSEPH 2,994,967
HARTINGH, TIMOTHY JOHN 2,994,720
HARTMAN, GREG 2,996,034
HARTNICK, CHRISTOPHER 2,995,233
HARTZ, MARTIN 2,994,595
HASKELL, DAVID 2,995,934
HASWELL, STEPHEN 2,996,062
HATCH, DANIEL J. 2,995,627
HAUFE, MARKUS 2,994,907
HAUSER, JONAS 2,994,352
HAUSER, TODD M. 2,995,995
HAVLOVITZ, PAUL M. 2,996,141
HAYES, SARAH 2,995,847
HAZARD, SPRAGUE W., III 2,995,832
HE, TAO 2,995,494
HE, YANYAN 2,995,494
HEAD, YOLANDA 2,994,831
HEFFERNAN, TIMOTHY PAUL 2,994,969
HEIM, ROGER 2,994,849
HEISE, SCOTT E. 2,994,378
HEISE, SCOTT E. 2,994,549
HEISE, SCOTT E. 2,994,934
HELIAE DEVELOPMENT, LLC 2,995,741
HELLENBRAND, CHRISTOPH 2,994,774
HELLENBRAND, CHRISTOPH 2,994,775
HENGESTONE HOLDINGS, INC. 2,995,856
HENNESSY, ALAN 2,995,715
HENNIG, RENE 2,994,500
HENRY, WILLIAM 2,994,891
HENSELER, ANDREAS 2,994,612
HEPGUVENDIK, HASAN ALPER 2,995,511
HEPWORTH, TYLER 2,995,934
HER MAJESTY THE QUEEN IN RIGHT OF CANADA AS REPRESENTED BY THE MINISTER OF NATURAL RESOURCES CANADA 2,979,698
HERBERTH, UWE 2,994,592
HERLYN, MEENHARD 2,995,586
HERMALYN, BRENDAN 2,994,966
HERR, CORY T. 2,995,626
HERRERA, VICTORIA L.M. 2,995,716
HERSKOVIC, ARNOLD M. 2,994,296
HERTRICH, JOHANNES 2,996,141
HERWEG, THOMAS 2,994,602
HEWITT, WILLIAM GREG 2,995,797
HEY, MARK B. 2,995,452
HIGAZI, DANIEL RAMSAY 2,994,346
HIGGINS, DUANE 2,995,847
HIGUCHI, SEIYA 2,995,555
HIGUCHI, SEIYA 2,995,556
HIGUCHI, SEIYA 2,995,671
HILL'S PET NUTRITION, INC. 2,995,811
HILL, CHRISTOPHER 2,995,504
HILTI AKTIENGESELLSCHAFT 2,994,500
HILTI AKTIENGESELLSCHAFT 2,994,595
HILTI AKTIENGESELLSCHAFT 2,994,768
HILTI AKTIENGESELLSCHAFT 2,996,075
HINDERER, CHRISTIAN 2,995,733
HINDERER, CHRISTIAN 2,995,849
HINGSTON, JOHN A. 2,994,294
HINGSTON, JOHN A. 2,994,296
HINKLEY, RICHARD EDWARD 2,994,529
HINOJOSA, CHRISTOPHER DAVID 2,996,000
HINTZE, MARK J. 2,994,533

HIP INNOVATION TECHNOLOGY, LLC 2,995,820
HIP INNOVATION TECHNOLOGY, LLC 2,995,821
HIRAI, MAKOTO 2,988,370
HIRAYAMA, YOSHIO 2,995,913
HISTIDE AG 2,995,749
HISTIDE AG 2,995,751
HISTIDE AG 2,995,753
HOBBS, ORVILLE J. 2,995,561
HOBBS, ORVILLE J. 2,995,566
HODOUS, BRIAN L. 2,994,819
HOFF, TINE 2,995,423
HOFFMANN, FRANK 2,994,348
HOFFMEISTER, LAURA 2,994,604
HOLM, MICHAEL T. 2,994,941
HOLMSTADT, RONALD J. 2,995,851
HOLSCHER, NORBERT 2,994,348
HOLWEG, GERALD 2,994,485
HOOK, BRUCE D. 2,994,682
HOOSS, MELISSA C. 2,995,423
HOPKINS, GEOFFREY D. 2,995,845
HOPKINS, MARK ALAN 2,996,078
HORNBOSTEL, SCOTT C. 2,994,813
HORTIG, MICHAEL 2,981,470
HRATKO, LINDA 2,995,456
HSNI, LLC 2,994,239
HSU, CHIA-HSIEN 2,995,474
HSU, CHIH-WEI 2,995,507
HSU, PAUL E. 2,996,141
HU, HAIQING 2,995,729
HU, YUZHU 2,994,805
HU, ZHUMA 2,995,599
HUANG, CHANG JIANG 2,994,853
HUANG, LING 2,995,709
HUANG, YANGQING 2,995,613
HUANG, YU-WEN 2,995,507
HUAWEI TECHNOLOGIES CO., LTD. 2,995,514
HUAWEI TECHNOLOGIES CO., LTD. 2,995,892
HUBBELL INCORPORATED 2,995,413
HUBBELL INCORPORATED 2,995,713
HUBBELL INCORPORATED 2,995,954
HUBER, JOHANN 2,994,500
HUBER, JOHANNES 2,994,531
HUDLOW, RYAN 2,995,954
HUDSON, HAROLD EDWARD, II 2,995,937
HUGHES NETWORK SYSTEMS, LLC 2,995,593
HUGHES, CHARLES E. 2,994,301
HUGHES, ROBIN W. 2,979,698
HUNTER, CHARLES 2,995,504
HUNTER, TIMOTHY 2,996,055
HUNTSMAN INTERNATIONAL LLC 2,994,373
HUO, XINGNIU 2,995,413
HURLEY, WILLIAM CARL 2,995,937
IBIQUITY DIGITAL CORPORATION 2,994,690
IBN-ELHAJ, MOHAMMED 2,994,397
ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI 2,994,830
IDENTITII PTY LTD 2,995,492
IEX GROUP, INC. 2,958,397
IIDA, SHIGERU 2,995,922
ILG, KERSTIN 2,994,604
ILLINOIS TOOL WORKS INC. 2,994,979
IMCYSE SA 2,995,771
IMEL, CHIP 2,994,227
INAGAKI, TAKAHIRO 2,988,370
INDURTHIVENKATA, RAJESH 2,994,770
INFARM - INDOOR URBAN FARMING GMBH 2,994,337
INFIRST HEALTHCARE LIMITED 2,994,899
INNOVIA FILMS LIMITED 2,996,101
INNOVOSCIENCES LLC 2,996,047
INSTITUTE OF ORGANIC CHEMISTRY AND BIOCHEMISTRY AS CR V.V.I. 2,994,258
INVENTIO AG 2,995,563
INVENTIO AG 2,995,564
IPALCO BV 2,994,897
IRITSUKI, KEITA 2,988,369
ISHIBASHI, SEIGO 2,995,910
ISHII, MASAHIRO 2,995,555
ISHII, MASAHIRO 2,995,556
ISHII, MASAHIRO 2,995,671
ISHIZAKA, TAKUYA 2,995,907
ISSADORE, DAVID 2,995,670
ITAGAKI, TAKESHI 2,995,914
ITZHAK, MENI MENASHE 2,995,829
IVOCLAR VIVADENT, INC. 2,995,930
IWAMOTO, HIROYUKI 2,995,667
IWAMOTO, SHINYA 2,995,447
IZMITLI, ASLIN 2,994,682
IZUMI, TAKAO 2,988,369
JACKINSKY, CARMEN 2,995,585
JACKSTADT, MICHAEL 2,994,338
JACOB, KARL V. 2,994,682
JADHAV, VASANT 2,994,285
JAHIR, PABON 2,994,818
JAHN, DIRK 2,994,783
JAKOBSEN, SOREN NYBOE 2,988,874
JAMISON, DALE E. 2,994,807
JANCARIK, ANDREJ 2,994,258
JAND, INC. 2,995,458
JANDELEIT, BERND 2,994,404
JANSSEN PHARMACEUTICA NV 2,995,161
JARISCH, CHRISTIAN 2,995,652
JEFFERY, CHRIS ARNOLD 2,995,498
JENSEN, ANDREW 2,995,848
JENSEN, KENNETH 2,995,423
JEWELL, DANIEL 2,995,592
JEWELL, DENNIS EDWARD 2,995,811
JIA, JIFEI 2,994,978
JIAN, SHANZHONG 2,996,018
JIANG, BIN 2,994,703
JIANG, BIN 2,994,717
JIANG, BOYI 2,994,723
JIAO, YU 2,994,524
JIMENEZ, WALMY CUELLO 2,994,805
JIMMYASH LLC 2,994,718
JIN, QI 2,995,715
JO, SOOYEON 2,994,545
JOGO, YOSUKE 2,995,913
JOHANSSON, ADAM 2,995,759
JOHN BEAN TECHNOLOGIES CORPORATION 2,994,847
JOHN BEAN TECHNOLOGIES CORPORATION 2,994,928
JOHNSON, ASHLEY BERNARD 2,994,940
JOHNSON, JENNY A. 2,994,606
JOHNSON, LESLIE S. 2,995,709
JOHNSON, PETER DAVID 2,995,847
JOHNSON, ROBERT A. 2,994,861
JOHNSON, ROBERT A. 2,994,864
JONES, C. BRENNAN 2,995,934
JONES, HOMER C. 2,994,813
JULEMONT, PIERRE 2,988,447
JULI, STEFAN 2,994,500
JUMP, JOSEPH 2,995,423
KAEHLER, ADRIAN 2,995,756
KAEHLER, ADRIAN 2,996,039
KAIB, PHILIP STEPHAN JOSEPH 2,994,788
KAISER, JESSE 2,995,416
KAISER, THOMAS MARKUS 2,996,084
KAKIMOTO, HIDENOBU 2,995,450
KAKIMOTO, SHUICHIROU 2,995,554
KAL TIRE 2,996,083
KALEIDO BIOSCIENCES, INC. 2,994,430
KAMIKAWA, AKIO 2,995,554
KAMIMURA, TAKAYUKI 2,995,917
KAPLAN, DAVID 2,995,233
KAPOUSIDIS, VASILLIOS B. 2,995,797
KARANDE, CHINMAY DEEPAK 2,994,423
KARIKO, KATALIN 2,994,344
KARL LEIBINGER MEDIZINTECHNIK GMBH & CO. KG 2,994,594
KASTELIC, TANIA 2,996,064
KATZ, ELISABETH 2,994,484
KAUSCH-BUSIES, NINA 2,994,604
KAWAHARA, TORU 2,995,459
KAWAKAMI, SHIMPEI 2,995,554
KAWATKAR, SAMEER 2,995,430
KAZEMI MIRAKI, MOJTABA 2,995,511
KEENE, JEFFERY L. 2,994,845
KEESMEKERS, EDDY 2,994,915
KELEDJIAN, RAQUEL 2,994,266
KELLER, DOUGLAS 2,995,486
KELLEY, BRUCE T. 2,994,861
KELMAN, SCOTT D. 2,994,812
KEMIRA OYJ 2,994,785
KENNEDY, DAVID ALLEN 2,995,844
KENT, HARRY WILLIAM, JR. 2,995,980
KEROVUO, JANNE S. 2,995,378
KERRY, STUART 2,994,961
KESTER, JEFFREY JOSEPH 2,995,413
KETTLE, JASON GRANT 2,995,430
KHAIRATKAR-JOSHI, NEELIMA 2,996,017

KIM, DAEIK DANIEL 2,994,820
KIM, HONG SAN 2,995,464
KIM, HYUN JONG 2,995,464
KIM, JONGHAE 2,994,820
KIMBLE, E. LAWRENCE 2,994,812
KINCAID, TYLER 2,994,947
KING, RICHARD C., III 2,995,475
KING, THOMAS H. 2,994,272
KIRCHHOFF, FRANK 2,995,707
KIRSHNER, JESSICA R. 2,994,245
KLAUBER, ERIC GEORGE 2,994,399
KLEIN, ALBERT 2,994,484
KLUCZEWSKI, WOJCIECH 2,995,434
KLUMPER, ERIC DENNIS 2,995,841
KNIGHT, ERIC 2,995,492
KOBAYASHI, HISATAKA 2,994,822
KOBOLD CORPORATION 2,995,420
KOELE, WERNER 2,994,485
KOGANEMARU, YOHEI 2,995,554
KOIKE, TOMOYUKI 2,996,100
KOISHI, AKIFUMI 2,996,100
KOIZUMI, YUKA 2,995,554
KOLLEGGER, CAROLIN 2,994,485
KOLLER, KERRY J. 2,994,404
KOLMAR, HARALD 2,994,741
KOMADINA, JASON 2,994,600
KOMANDURI, RAVI KUMAR 2,996,035
KOMATSU LTD. 2,995,907
KONIAREK, THOMAS 2,994,773
KONIETZKO, MATTHIAS 2,994,909
KOPECEK, HERBERT 2,992,940
KOSHYARI, BHAWANA 2,994,770
KOTTENSTETTE, RYAN 2,995,850
KOU, SHIKI 2,995,555
KOU, SHIKI 2,995,556
KOU, SHIKI 2,995,671
KOURTAKIS, KOSTANTINOS 2,994,808
KOWALEWSKI, DAMIAN 2,994,814
KREEL, NATHANIEL EDWARD 2,995,423
KROLL, MARKUS 2,992,940
KRULLE, THOMAS MARTIN 2,995,847
KUBE, JOHN CHARLES 2,995,626
KUBICEK, PAVEL 2,996,037
KUCHARSKI, ROBERT C. 2,994,946
KULKARNI, SANDEEP D. 2,994,807
KULTANEN, JUHA 2,980,500
KUMAR, AMIT 2,994,529
KUMAR, RAJESH 2,994,250
KUNIKAWA, SHIGEKI 2,995,554
KUNITAKE, YUJI 2,995,555
KUNITAKE, YUJI 2,995,556
KUNITAKE, YUJI 2,995,671
KURARAY CO., LTD. 2,995,913
KWS SAAT SE 2,994,763
LABEQUE, REGINE 2,995,480
LABEQUE, REGINE 2,995,487
LABEQUE, REGINE 2,995,488
LABEQUE, REGINE 2,995,489
LABORATORI DERIVATI ORGANICI S.P.A. 2,994,585
LABORATORIO FARMACEUTICO C.T. S.R.L. 2,994,599
LACOE, SCOTT J. 2,994,407
LADEL, CHRISTOPH H. 2,994,638
LAGUDAH, EVANS 2,994,714
LAHMAN, MATTHEW LEWIS 2,995,588
LAHMAN, MATTHEW LEWIS 2,996,044
LALLEMENT, SEBASTIEN 2,995,719
LAM, WILLIAM Y. 2,991,791
LAMBERT, NATHANIEL A. 2,995,505
LAN, JE-HSIUNG JEFFREY 2,994,820
LANAGAN, MICHAEL 2,996,051
LANG, JURGEN 2,994,691
LANGE, STEFAN 2,992,057
LANTMANNEN AS-FAKTOR AB 2,992,057
LANTMANNEN EK FOR 2,988,828
LARSEN, TRAVIS HOPE 2,996,044
LARSSON, BENGT I. 2,994,646
LARSSON, GERMUND 2,994,646
LARUE, CLAYTON T. 2,995,275
LASH, JASON 2,994,689
LATHER, TAMANNA 2,995,431
LATITUDE PHARMACEUTICALS, INC. 2,995,392
LATULIPE, ERIC 2,995,609
LAWRENCE, ZACHARY CHEE-PING 2,994,814
LAWRYSHYN, YURI 2,995,861
LE GUERROUE DREVILLON, THOMAS 2,995,719
LEDOUX, FRANCOIS 2,994,225
LEE, GAVIN GAW-WAE 2,995,511
LEE, JINBO 2,994,545
LEE, SUE S. 2,994,750
LEE, SUNGGI 2,994,788
LEGEAI, SOPHIE 2,994,636
LEGER, BRYAN Q. 2,994,707
LEGRAND, SACHA 2,994,785
LEHMANN-HORN, JOCHEN 2,995,594
LEIA INC. 2,992,996
LEIA INC. 2,994,231
LEIA INC. 2,994,254
LEIGH, JON E. 2,994,936
LEIGHTON, PHILIP A. 2,995,724
LESNIAK, EWELINA 2,994,931
LEVEL 3 COMMUNICATIONS, LLC 2,995,561
LEVEL 3 COMMUNICATIONS, LLC 2,995,566
LEVEL 3 COMMUNICATIONS, LLC 2,995,942
LEVINE, JOSHUA 2,994,966
LEVINSON, MICHAEL DANIEL 2,994,423
LEVNER, DANIEL 2,996,000
LEVY-POLIS, BRIAN 2,994,808
LEWIS, BRYAN JOHN 2,995,448
LEWIS, BRYAN JOHN 2,996,055
LEWIS, WILLIAM ERNEST 2,994,303
LEYLAND, REBECCA 2,994,346
LEZZI, PETER JOSEPH 2,994,236
LEZZI, PETER JOSEPH 2,994,284
LI, CHENWEI 2,995,426
LI, JUN 2,995,720
LI, LINLIN 2,994,690
LI, NING 2,994,717
LI, XIAOWEI 2,995,827
LI, XIAOWEI 2,995,837
LI, YANGFANG 2,994,505
LI, YIWEN 2,994,425
LICHY, RADIM 2,996,076
LIGUORI, DARIO 2,994,495
LIM, WENDELL A. 2,995,389
LIMAGRAIN EUROPE 2,994,405
LIN, GUAN-BO 2,996,035
LIN, JIAN-LIANG 2,995,507
LIN, KENG-MIN 2,994,292
LIN, LI-HENG 2,995,719
LIN, WEI 2,995,892
LINDEMANN, TIMOTHY L. 2,996,068
LIRA, JUSTIN M. 2,995,705
LISI GLOBAL, LLC 2,995,443
LIST, BENJAMIN 2,994,788
LIU, JULIAN 2,940,913
LIU, JUN J. 2,994,808
LIU, KAI 2,995,133
LIU, LE 2,995,892
LIU, LUPING 2,994,788
LIU, QIN 2,995,586
LIU, WENTAI 2,994,692
LIU, YANG 2,995,582
LIU, YE 2,995,423
LIU, YE 2,996,007
LIU, YUNFENG 2,995,720
LIZOTTE, MARGARET W. 2,994,721
LLOYD, DANIEL 2,996,031
LM WP PATENT HOLDING A/S 2,994,915
LO, HOK MAN HERMAN 2,995,719
LO, YI-KAI 2,994,692
LO, YUK-MING DENNIS 2,995,422
LOCHE, ANTONELLA 2,994,599
LOCKHEAD MARTIN CORPORATION 2,994,378
LOCKHEED MARTIN CORPORATION 2,994,549
LOCKHEED MARTIN CORPORATION 2,994,664
LOCKHEED MARTIN CORPORATION 2,994,934
LOCKWOOD, CHARLES A. 2,995,561
LOCKWOOD, CHARLES A. 2,995,566
LOF, RONNIE 2,995,759
LOGAN, AARON W. 2,995,511
LOGAN, JUSTIN C. 2,995,511
LOGINOV, EVGENY 2,996,070
LOGINOV, EVGENY 2,996,080
LOOS, JEFFREY J. 2,995,465
LORA, JOSE M. 2,994,394
LORENZEN, PETER 2,995,850
LORENZO LLORENTE, IRENE 2,995,634
LOTTER, MICHIEL PETRUS 2,994,674
LOVERING, KIMBERLY A. 2,994,721
LOVRIC, BOJAN 2,995,594
LOZEAU, LINDSAY D. 2,995,616
LU, BOWEI 2,995,882
LU, ZHONGHUI 2,994,717
LUCAS, BRYAN CHAPMAN 2,996,055
LUCKE, STEFAN 2,995,434

Index des demandes PCT entrant en phase nationale

LUDWIG, DALE LINCOLN	2,994,425
LUDWIG, MATTHIAS	2,981,470
LUDWIG, RALF	2,994,847
LUFKIN INDUSTRIES, LLC	2,994,967
LUKE, MIKE A.	2,994,270
LUO, NAN	2,995,882
LURA, DAVID B.	2,994,432
LUXEMBOURG INSTITUTE OF SCIENCE AND TECHNOLOGY (LIST)	2,994,597
LUXEMBOURG INSTITUTE OF SCIENCE AND TECHNOLOGY (LIST)	2,994,598
LYNGSO, CHRISTINA	2,988,874
MA, JIN	2,995,449
MA, MING	2,994,254
MA, XIAOWEI	2,994,821
MAAIJEN, KARIN	2,988,840
MAAIJEN, KARIN	2,988,844
MACARTHUR, DOUGLAS M.	2,995,612
MACARTHUR, DOUGLAS M.	2,995,615
MACCECCHINI, MARIA	2,994,974
MACDERMID GRAPHICS SOLUTIONS, LLC	2,995,828
MACDONALD, STEVEN	2,995,820
MACDUFF, CHARLES COLIN	2,995,841
MACE, CATHERINE	2,994,223
MACHLER, MEINRAD K.A.	2,995,725
MACK RIDES GMBH & CO. KG	2,995,638
MACKNIK, STEPHEN L.	2,995,803
MACLEAY, JENNIFER	2,995,811
MACROGENICS,INC.	2,995,709
MADATHIL, MANIKANDADAS MATHILAKATHU	2,995,741
MADER, MARY MARGARET	2,994,428
MADORE, ERIC	2,996,077
MAEDA, YASUYUKI	2,995,667
MAESEN, THEODORUS LUDOVICUS MICHAEL	2,994,978
MAESEN, THEODORUS LUDOVICUS MICHAEL	2,994,981
MAESEN, THEODORUS LUDOVICUS MICHAEL	2,994,984
MAGES, KENNETH	2,996,145
MAGIC LEAP, INC.	2,995,756
MAGIC LEAP, INC.	2,995,978
MAGIC LEAP, INC.	2,996,009
MAGIC LEAP, INC.	2,996,039
MAGLIO, ALFONSE	2,995,456
MAIER, MARTIN	2,994,285
MAJER, PAVEL	2,994,258
MAJUMDAR, RANAJOY	2,994,427
MAKINGS, LEWIS R.	2,994,849
MAKINO, TAIZO	2,995,917
MAKOSKI, DAN	2,995,460
MALLEPALLY, ANAND	2,995,452
MANABE, AKIYOSHI	2,995,836
MANDA, VENKATESH R.	2,994,432
MANDANICI, DANIEL	2,994,292
MANLEY, NATHAN C.	2,995,634
MANN, DAVID	2,995,572
MAO, HAI-QUAN	2,995,827
MAO, HAI-QUAN	2,995,837
MARIN PERALES, LAURA	2,994,402
MARIN PERALES, LAURA	2,994,489
MARKOVIC, SVETOMIR N.	2,995,384
MARQUARDT, VALERIE	2,994,345
MARQUARDT, VALERIE	2,994,347
MARQUARDT, VALERIE	2,994,352
MARSTON, RICHARD WALDRON	2,995,847
MARTENSSON, MATTIAS	2,994,646
MARTIN MARTINEZ, JOSE MIGUEL	2,994,402
MARTIN, RUSSELL	2,995,827
MARTIN, RUSSELL	2,995,837
MARTIN, RUSSELL	2,995,940
MARTIN, STEVE A.	2,994,961
MARTINANT, JEAN-PIERRE	2,994,405
MARTINEZ, VLADIMIR C.	2,994,295
MARTINEZ-CONDE, SUSANA	2,995,803
MARTINUS VAN RUIJVEN, PETRUS	2,996,000
MARTYSEVICH, VLADIMIR NIKOLAYEVICH	2,995,588
MARUO, SUSUMU	2,995,839
MARUYAMA, JUNKI	2,995,922
MASCAL, MARK	2,995,854
MASCHMEYER, RICHARD ORR	2,994,236
MASCHMEYER, RICHARD ORR	2,994,284
MASON, MICHAEL DOYLE	2,996,131
MASSACHUSETTS EYE AND EAR INFIRMARY	2,995,233
MASSACHUSETTS INSTITUTE OF TECHNOLOGY	2,994,957
MASSACHUSETTS INSTITUTE OF TECHNOLOGY	2,994,958
MASSARE, MICHAEL	2,996,007
MASTERBUILT MANUFACTURING, INC.	2,995,405
MASTERCARD INTERNATIONAL INCORPORATED	2,995,452
MASUREKAR, UDAY	2,994,810
MATSUDA, TSUYOSHI	2,996,105
MATSUURA, BELINKO K.	2,995,465
MATSUURA, DAVID G.	2,995,465
MATTHEWS, KENNETH HEIDT	2,994,807
MATTIONI, BRUNO	2,994,486
MAUREIRA, JUAN	2,994,831
MAURER, VICTORIA	2,996,076
MAX-PLANCK-GESELLSCHAFT ZUR FORDERUNG DER WISSENSCHAFTEN E.V.	2,994,503
MAYA, SERGIO NATES	2,995,169
MAYER, CHRISTIAN S.	2,994,815
MAYO FOUNDATION FOR MEDICAL EDUCATION AND RESEARCH	2,995,384
MCAFEE, DONALD	2,995,431
MCCABE, JAMES	2,995,430
MCCANN, RYAN T.	2,995,378
MCCLUSKEY, SEANIN	2,988,661
MCCOMB, GORDON J.	2,995,443
MCDEVITT, JOHN	2,994,239
MCDOWELL, JAMES KERWIN	2,994,562
MCGHEE, OWEN R.	2,995,505
MCGURK, CHARLES	2,995,562
MCLEMORE, JOHN D.	2,995,405
MCLEOD, MICHAEL	2,996,134
MCMAHON, CHANTAL M.	2,994,723
MCMAHON, PATRICK D. J.	2,994,864
MEDIATEK INC.	2,995,507
MEDIMMUNE LIMITED	2,994,346
MEDTRONIC MINIMED, INC.	2,994,723
MEDTRONIC MINIMED, INC.	2,994,726
MEDTRONIC MINIMED, INC.	2,994,982
MEDTRONIC, INC.	2,994,432
MELLECKER, SCOTT C.	2,995,561
MELLECKER, SCOTT C.	2,995,566
MENNE, HUBERT	2,994,603
MERCER, DANIEL	2,995,405
MERCK PATENT GMBH	2,994,582
MERCK PATENT GMBH	2,994,638
MERCK PATENT GMBH	2,994,741
MERCK SHARP & DOHME CORP.	2,994,720
MESCHNIG, CHRISTIAN	2,994,773
MESSANA, MATT WILLIAM	2,994,966
METZLER, WILLIAM J., IV	2,995,475
MICROAIRE SURGICAL INSTRUMENTS, LLC.	2,995,486
MIDDLETON, JOHN	2,994,704
MIELNIK, THADDEUS J.	2,995,165
MIKHEEV, ALEXANDR VASILIEVICH	2,996,027
MIKULAK, STEVEN	2,994,559
MILES, TIMOTHY JAMES	2,995,715
MILJAK, DAVID GEOFFREY	2,995,594
MILJAK, DAVID GEOFFREY	2,995,597
MILLER, CHARLES J.	2,994,947
MILLER, NICHOLAS	2,995,866
MILLER, SCOTT	2,995,932
MILLER, THOMAS	2,995,975
MILLS, CLARE	2,986,824
MILLS, MATTHEW ROBERT	2,995,847
MINNIS, SYDNEY TYE	2,995,841
MINSKOFF, NOAH MARK	2,996,047
MIOVISION TECHNOLOGIES INCORPORATED	2,995,866
MISEK, PETER	2,995,653
MISHRA, AKSHAYA K.	2,995,866
MITSUBISHI HEAVY INDUSTRIES, LTD.	2,988,370
MIYAMOTO, HIROKO	2,995,922
MIYAMOTO, SATOSHI	2,995,554
MIYAZAKI, RYOUTA	2,995,555
MIYAZAKI, RYOUTA	2,995,556
MIYAZAKI, RYOUTA	2,995,671
MIYAZAKI, TOMOYUKI	2,995,447
MIZUI, NAOMITSU	2,995,917
MIZUKAMI, MASANOBU	2,988,370
MOELLER, CHRISTOPH	2,995,563
MOFFITT, BARAK	2,995,368
MOK, RON	2,994,961
MOLINARO, KATHERINE	2,995,848

MOLKENTHIN, VERA 2,994,425
MONSANTO TECHNOLOGY LLC 2,995,275
MONSANTO TECHNOLOGY LLC 2,995,378
MONSANTO TECHNOLOGY LLC 2,995,843
MOOG INC. 2,994,945
MOORE, PAUL A. 2,995,709
MOOS, RAINER 2,994,784
MORFILL, GREGOR 2,994,505
MORINI, GIAMPIERO 2,994,495
MORIOKA, YUICHI 2,995,914
MORPHY, JOHN RICHARD 2,994,732
MORRISON, GERALD 2,996,034
MORRISON, KEVIN LESLIE 2,994,707
MORTARINO, ENRICO 2,992,462
MORTIER, TODD J. 2,995,603
MOSAIC MANUFACTURING LTD. 2,996,031
MOSES, CHRISTIAN A. 2,995,615
MOSHIRI, FARHAD 2,995,275
MOSS, STEPHEN FREDERICK 2,995,715
MOTH, DAVID J. 2,995,376
MOTOROLA SOLUTIONS, INC. 2,995,729
MOUCHEL, CELINE 2,994,588
MU, HAILING 2,995,720
MULDER, IMKE 2,988,661
MULLER, STEFAN 2,995,845
MULLINS, JULIA ELIZABETH 2,995,562
MUNZENBERGER, HERBERT 2,996,075
MURPHY, JOHN 2,995,707
MURPHY, MELISSA 2,995,415
MURRAY, ADRIAN HARRISON 2,995,861
MY SIZE ISRAEL 2014 LTD. 2,995,829
NABET, BEHNAM 2,994,969
NAGANO, ATSUHIRO 2,995,839
NAGARAJAN, VIJAY 2,994,770
NAGASHIMA, SHINYA 2,995,554
NAGAVARAPU, ANANDA K. 2,994,864
NAGY, ERVIN D. 2,995,843
NAGY, GASPAR 2,994,611
NAITO, TAKAYUKI 2,995,667
NAITOU, SHINICHI 2,995,907
NAKAMURA, KATSUMI 2,988,370
NAKAMURA, WATARU 2,995,910
NAMBOODIRIPAD, ANIL N. 2,994,748
NANAYAKKARA, RAVI P. 2,996,115
NANOWAVE TECHNOLOGIES INC. 2,996,033
NATES, ENRIQUE MAYA 2,995,169
NATIONAL HEALTH RESEARCH INSTITUTES 2,995,474
NATIONAL RESEARCH COUNCIL CANADA 2,995,863
NATIONAL UNIVERSITY CORPORATION HOKKAIDO UNIVERSITY 2,995,922
NEAL, CHARLES EDWARD, III 2,994,227
NEAL, CHARLES EDWARD, III 2,994,546
NEDELCOVYCH, MIKE 2,994,258
NEEMUCHWALA, HUZEFA F. 2,994,723
NEIMANN, KARINE 2,996,022
NEKHAMKIN, MICHAEL 2,994,690
NELSON, ERIK 2,994,554
NEOFOTISTOS, PARIS 2,995,861
NESTEC S.A. 2,994,223
NESTEC S.A. 2,994,345
NESTEC S.A. 2,994,347
NESTEC S.A. 2,994,352
NESTEC S.A. 2,994,369
NESTEC S.A. 2,994,609
NESTEC S.A. 2,995,652
NEVALA, WENDY K. 2,995,384
NEVISON, GRANT W. 2,995,739
NEWMAN, GREG 2,994,852
NEWPARK MATS & INTEGRATED SERVICES LLC 2,994,562
NEXCRUDE TECHNOLOGIES, INC. 2,995,805
NEXTIVITY, INC. 2,994,674
NGU, KHEHYONG 2,994,717
NGUYEN, ANH 2,995,767
NGUYEN, ANH-QUAN HANNAH 2,994,428
NGUYEN, CHI A. 2,994,427
NGUYEN, ERIC 2,996,066
NGUYEN, KIEN 2,994,911
NGUYEN, PHILIP D. 2,995,588
NGUYEN, PHILIP D. 2,996,044
NICHOLLS, CHARLES WILLIAM TREMLETT 2,996,033
NICHOLS, LINDA 2,994,721
NICIRA, INC. 2,994,810
NIELSEN, SOREN ANKER 2,994,593
NIEMAN, JAN 2,994,738
NIEMES, REINHOLD 2,994,399
NIESERT, CLAUS-PETER 2,994,582
NILSSON, MAGNUS K. 2,995,430
NIPPON STEEL & SUMITOMO METAL CORPORATION 2,995,917
NISSAN MOTOR CO., LTD. 2,988,369
NISSAN MOTOR CO., LTD. 2,996,100
NISSAN MOTOR CO., LTD. 2,996,105
NOLEUS TECHNOLOGIES INC. 2,995,686
NONAKA, YUKO 2,995,839
NORTHROP GRUMMAN LITEF GMBH 2,994,592
NOSITSCHKA, ANDREAS 2,994,651
NOV, ORI 2,996,022
NOVA NEURA, LLC 2,995,925
NOVARTIS AG 2,996,078
NOVARTIS AG 2,996,079
NOVATION PHARMACEUTICALS INC. 2,996,064
NOVAVAX, INC. 2,996,007
NOVOMER, INC. 2,994,395
NOVOMER, INC. 2,994,403
NOVOZYMES A/S 2,995,423
NT-TRADING GMBH & CO. KG 2,994,783
NUBYIOTA LLC 2,995,714
NUBYIOTA LLC 2,995,786
NURKKA, MARIA ELINA 2,995,728
NUTRECO IP ASSETS B.V. 2,995,562
NUVERA FUEL CELLS, LLC 2,994,962
NYE, JAMES ELLIS 2,994,761
NYUU, KEISUKE 2,995,447
O'CONNELL, DANIEL NEIL 2,995,402
OCERA THERAPEUTICS, INC. 2,995,823
OCHOA, FRANCISCO JAVIER 2,996,079
OELFKE, RUSSELL H. 2,994,861
OELFKE, RUSSELL H. 2,994,864
OGAWA, KENTO 2,995,555
OGAWA, KENTO 2,995,556
OGAWA, KENTO 2,995,671
OGAWA, SHINYA 2,995,922
OGIYAMA, TAKASHI 2,995,554
OHARA, MASAHIRO 2,995,836
OHLMEYER, MICHAEL 2,994,830
OKADA, YOSHIAKI 2,995,447
OKHAMAFE, AUGUSTUS O. 2,994,280
OLFACTOR LABORATORIES, INC. 2,995,465
OLIVEIRA GARCIA, ELY 2,994,763
OLIVER, CYNTHIA 2,996,007
OLIVERA, ARGELIO MICHAEL 2,996,078
OLWILL, SHANE 2,988,831
OLWILL, SHANE 2,994,631
OLYMPIC STUDIO LLC 2,995,368
OMS INVESTMENTS, INC. 2,996,141
OMSIGNAL 2,995,728
ONDRUS, ZDENEK 2,996,037
ONG, ELWIN 2,995,460
OPTIMEDICA CORPORATION 2,994,799
ORBIS HEALTH SOLUTIONS LLC 2,995,454
ORIDA, NORMAN KEITH 2,995,392
ORTLEPP, HANS-GEORG 2,994,341
OSBORNE, ERIC 2,995,942
OSHITA, SHINYA 2,995,913
OTO, TOMOHIRO 2,995,665
OUTOTEC (FINLAND) OY 2,995,436
OXFORD, JAMES ANDY 2,994,563
P&T GLOBAL SOLUTIONS, LLC 2,994,937
P&T GLOBAL SOLUTIONS, LLC 2,994,938
PAAVOLA, CHAD D. 2,994,427
PACKABLE B.V. 2,994,504
PACZKOWSKI, LYLE WALTER 2,994,711
PADALA, SUDHAKAR 2,994,961
PAETAU-ROBINSON, INKE 2,995,811
PALENA, CLAUDIA 2,994,272
PALENA, CLAUDIA M. 2,994,694
PALMER, JAY 2,994,970
PALMER, ROBERT WAYNE 2,995,402
PAN, LI 2,995,449
PANASONIC INTELLECTUAL PROPERTY MANAGEMENT CO., LTD. 2,995,555
PANASONIC INTELLECTUAL PROPERTY MANAGEMENT CO., LTD. 2,995,556

PANASONIC INTELLECTUAL PROPERTY MANAGEMENT CO., LTD. 2,995,671
PANICKAR, KIRAN 2,995,811
PAPAC, MICHAEL JAMES 2,996,078
PAPERNO, STEVEN 2,978,743
PARDESHI, SHAILESH RAMESH 2,996,017
PARGETT, TIMOTHY J. 2,994,945
PARI PHARMA GMBH 2,994,491
PARIKH, NEHA J. 2,994,726
PARK GREEN, LLC 2,994,941
PARK, EDWIN CHONGWOO 2,992,845
PARK, ROBERT 2,958,397
PARK, SEOK IN 2,995,464
PARK, WOO IL 2,995,464
PARKER-HANNIFIN CORPORATION 2,994,885
PARTA, LASZLO 2,994,611
PATEL, ATAL C. 2,994,554
PATEL, SANDIP C. 2,994,961
PATEL, VIMAL 2,995,564
PATIL, RAJESH RAMESH 2,994,748
PATNEY LIMITED 2,996,109
PATTERSON, ANGELA MARGARET 2,988,661
PATTISON, ADAM J. 2,995,473
PAUL, PIJUSH K. 2,995,998
PAULL, BRETT 2,996,062
PAZ, KEREN 2,995,574
PEARSON, NEIL DAVID 2,995,715
PEITERSEN, NATHAN 2,995,848
PELLET-ROSTAING, STEPHANE 2,994,636
PENOV, FRANCISLAV 2,994,814
PENUELA, OSCAR EDUARDO SARMIENTO 2,994,531
PEPMAB B.V. 2,994,214
PERENTES, ALEXANDRE 2,994,369
PEREZ CATALAN, JULIO 2,994,603
PEREZ, RICARDO MARTINEZ 2,995,978
PERIYANNAN, SAMBASIVAM 2,994,714
PERKINS, JARED C. 2,995,505
PERRIN, ALEXA 2,994,369
PERRY, CHRISTOPHER N. 2,994,536
PERSAC, STEPHEN BYRNE 2,995,588
PETERSON, PAUL 2,996,046
PETO, ANTHONY CHARLES 2,995,841
PETRELLA, ALLAN 2,995,420
PHARMACADENCE ANALYTICAL SERVICES, LLC 2,995,475
PHELPS, STEVEN 2,994,718
PHILLIPS, ANDREW J. 2,994,969
PHILLIPS, VICTOR MATTHEW 2,994,949
PIATER, BIRGIT 2,994,741
PIEDIMONTE, TYLER A. 2,995,453
PIEMONTESI, FABRIZIO 2,994,495
PIEN, STEPHANE 2,994,588
PIERIS PHARMACEUTICALS GMBH 2,988,831
PIERIS PHARMACEUTICALS GMBH 2,994,631
PILE DYNAMICS, INC. 2,995,453
PINHEIRO, JOEL 2,994,498
PIRES, DAVID 2,994,397
PISCSALKO, GEORGE R. 2,995,453
PITCO FRIALATOR, INC. 2,995,505
PITTS, WILLIAM J. 2,994,717
PLAKOGIANNIS, FOTIOS M. 2,995,431
PLANET LABS, INC. 2,994,966
PLANT, DANIEL JAMES 2,996,099
PLATUSICH, BRUCE M. 2,994,954
PODSIADLO, PAUL 2,994,303
POLEGATO MORETTI, MARIO 2,994,486
POLO ABAD, RAFAEL 2,994,402
POLO ABAD, RAFAEL 2,994,489
POLONI, LIVIO 2,994,486
POLVERARI, MARCO 2,994,785
POOLE, BEN 2,995,857
PORTZ, DANIELA 2,994,604
POSCO 2,995,464
POTECHIN, KATHY 2,994,931
POTHARAJU, SHAILENDER 2,994,961
POTTER, WILLIAM JOHN 2,995,493
POTZNER, CHRISTIAN ALEXANDER 2,996,000
POULSEN, SHILOH D. 2,994,556
POWELL, JONATHAN 2,994,256
PPG INDUSTRIES OHIO, INC. 2,994,524
PRABHAKARA, PRABHU 2,994,748
PRESIDENT AND FELLOWS OF HARVARD COLLEGE 2,994,545
PRICE, CHRISTOPHER P. 2,994,280
PRIME, MICHAEL EDWARD 2,995,847
PRINTZ, BRUNO 2,994,597
PRINTZ, BRUNO 2,994,598
PROBST, UWE 2,994,592
PROFESSIONAL DIETETICS INTERNATIONAL S.R.L. 2,995,903
PROFETA, JOSEPH ANTHONY, JR. 2,994,683
PROPERZI, ROBERTA 2,994,788
PRUGUE, XIMENA 2,995,958
PUIJK, WOUTER CORNELIS 2,994,214
PULTZ, INGRID SWANSON 2,988,651
PUTICS, AKOS 2,994,611
QR PHARMA 2,994,974
QUADRIGA BIOSCIENCES, INC. 2,994,404
QUADRO ENGINEERING 2,996,074
QUAEDVIEG, PHILLIP HOWARD 2,995,402
QUALCOMM INCORPORATED 2,992,845
QUALCOMM INCORPORATED 2,994,820
QUANTA ASSOCIATES, L.P. 2,995,402
QUEVA, CHRISTOPHE 2,994,265
RABER, JEFFREY CHARLES 2,994,266
RADAI, MICHAL MIRIAM 2,995,829
RAFIQUE, ASHIQUE 2,994,245
RAFTIS, EMMA 2,988,661
RAGHUVANSHI, RAJEEV SINGH 2,994,748
RAHEEM, IZZAT 2,994,720
RAINIS, ANDREW 2,994,978
RAINS, JACK C., JR. 2,996,035
RAIS, RANA 2,994,258
RAJ, RASHMI KUMAR 2,996,035
RAJAGOPAL, ARUN 2,994,711
RAJEEV, KALLANTHOTTATHIL G. 2,994,285
RAMCHANDANI, SHYAMLAL 2,996,096
RAMER, DAVID P. 2,996,035
RAMKUMAR, SHWETHA 2,994,861
RAMKUMAR, SHWETHA 2,994,864
RAMSAY, TRAVIS ST. GEORGE 2,994,930
RANDALL, CLIVE A. 2,996,051
RANKIN, MATTHEW A. 2,994,821
RASOULIAN, ABTIN 2,995,719
RATTAN, WARREN NEIL 2,994,227
RATTAN, WARREN NEIL 2,994,546
RAYTHEON COMPANY 2,994,936
RC BIOTECHNOLOGIES, INC. 2,994,853
RCM ENTERPRISE, LLC 2,995,841
REA, THOMAS MICHAEL 2,994,978
REA, THOMAS MICHAEL 2,994,981
REA, THOMAS MICHAEL 2,994,984
REACTA BIOTECH LIMITED 2,986,824
READY, WILLIAM JUD 2,995,368
REAM, JOEL E. 2,995,275
RED METERS LLC 2,995,376
RED VALVE COMPANY, INC. 2,994,954
REDDER, TIMM 2,996,079
REDDY, SASHANK 2,995,827
REDDY, SASHANK 2,995,837
REGENERON PHARMACEUTICALS, INC. 2,994,245
REHWALD, MARTIN 2,994,814
REID, JAMES 2,994,770
REID, JAMES 2,994,831
REID, JARED 2,995,934
REILEY, RICHARD ROBERT 2,994,899
REILLY, JAMES BARRY 2,995,589
REINHARDT, PAUL ANDREW 2,994,270
REINHEART GMBH 2,994,612
REN, HAIPENG 2,995,500
REPSOL, S.A. 2,994,402
REPSOL, S.A. 2,994,489
RESCURVE, LLC 2,994,846
RESHOD WALKING SHOES, LLC 2,995,585
RESURRECCION, FERMIN P., JR. 2,994,295
REYTIER, MAGALI 2,994,642
RHINEHART, EDWARD J. 2,995,398
RHODIA OPERATIONS 2,994,955
RICHARDSON, JOHN 2,995,721
RICHETT, MICHAEL ENRICO 2,994,428
RICHMOND, MATTHEW GAINES 2,995,169
RICHTER GEDEON NYRT. 2,994,611
RIGA, EKATERINI 2,995,443
RILEY, DENNIS P. 2,994,845
RINGOLD, GORDON 2,994,404
RITLAND, TYLER 2,995,416
RIVARD, MARK 2,994,296
ROBERSON, DAVID 2,994,545
ROBERSON, MARK W. 2,994,806
ROBERT BOSCH GMBH 2,981,470
ROBERTS, DAVID 2,994,915

ROBERTS, JUSTIN 2,994,969
ROBERTS, MADISON 2,995,423
ROBERTS, MARK A. 2,995,596
ROBINSON, ANDREW E. 2,995,705
ROBINSON, M. DIRK 2,994,966
ROBINSON, SIMON 2,995,825
ROCHAT, FLORENCE 2,994,352
ROCKEFELLER, DONALD HUGH 2,994,967
ROCKTASCHEL, CHRISTIAN 2,995,773
ROCKWELL COLLINS DEUTSCHLAND GMBH 2,994,590
RODENBURGH, RAY 2,995,856
RODENKIRCH, MARK JAMES 2,994,928
RODMAN, DAVID 2,995,975
RODNEY, PAUL F. 2,996,040
RODRIGUEZ, JOSE FELIX 2,995,978
RODRIGUEZ, MICHAEL JOHN 2,994,428
RODRIGUEZ, VICTOR 2,995,934
ROELOFS, MARK GERRIT 2,994,808
ROELOFSEN, YFRANKA PETRONELLA AREKE 2,988,840
ROELOFSEN, YFRANKA PETRONELLA AREKE 2,988,844
ROHATGI, PRATIK 2,995,832
ROHM AND HAAS COMPANY 2,994,682
ROJAHN, MARTIN 2,981,470
ROLIC TECHNOLOGIES AG 2,994,397
ROMBOUTS, FREDERIK JAN RITA 2,995,161
RON, OYVIND 2,995,562
RONG, CHANGSHENG 2,995,723
RONG, CHANGSHENG 2,995,726
RONYAK, STEVE 2,995,596
ROODA, MATTHEW 2,996,010
ROSE, CHRISTOPHER F. 2,995,823
ROSEN, HOWARD 2,995,925
ROSENBERGER TELEMATICS GMBH 2,994,773
ROSEVEARE, ALBY JONAS 2,996,099
ROTHE, CHRISTINE 2,988,831
ROTHE, CHRISTINE 2,994,631
ROURKE, JOHN 2,996,010
ROUSSEAU, FRANCK 2,995,823
ROY, ANIRBAN 2,994,726
ROY, ANIRBAN 2,994,982
ROY, SATYAJIT 2,995,593
ROYBAL, KOLE T. 2,995,389
ROYTBLAT, IGAL 2,995,550
RUBIN, STUART F. 2,994,301
RUCH, THOMAS 2,994,955
RUCKUS WIRELESS, INC. 2,994,961
RUGNONE, LUCA 2,994,591
RUIZ ORTA, CAROLINA 2,994,402
RUIZ ORTA, CAROLINA 2,994,489
RUIZ-OPAZO, NELSON 2,995,716
RUSSELL, AARON GENE 2,996,044
RUSTON, LINETTE LYS 2,995,430
RUTHES, ANDREA CAROLINE 2,988,828
RYAN, ROBERT D. 2,994,305
SABIN, DOUG 2,996,000
SACKS, JUSTIN 2,995,827
SACKS, JUSTIN 2,995,837
SAHIN, UGUR 2,994,344
SAIDI, YOUNOUSSE 2,994,588
SAINT-GOBAIN GLASS FRANCE 2,994,651
SAINT-GOBAIN GLASS FRANCE 2,995,434
SAINT-REMY, JEAN-MARIE 2,995,771
SALESFORCE.COM, INC. 2,994,713
SALIE, MATTHEW 2,995,573
SALINAS, BOBBY 2,994,939
SALISBURY, JOSEPH 2,994,298
SAMARA, DANIELLE 2,994,831
SAMUELSSON, BENGT INGEMAR 2,995,549
SANABRIA, SERGIO 2,996,103
SANCHEZ, OLGA 2,994,292
SANCHEZ, ROBERT JOSEPH, JR. 2,996,078
SANDERS, DARRELL J. 2,995,569
SANDSTROM, ROBERT E. 2,995,984
SANDVIK INTELLECTUAL PROPERTY AB 2,995,759
SANGHVI, PRERAK P. 2,958,397
SANGUESA, WILF 2,996,074
SANTORO, DOMENICO 2,995,861
SANTROCK, ROBERT D. 2,995,627
SAPURA EXPLORATION AND PRODUCTION (SARAWAK) INC. 2,995,557
SARATHY, SIVA RAJAN 2,995,861
SARGEN, JEFFREY 2,995,495
SARIN, VIRENDER KUMAR 2,994,427
SARKAR, AMITAVA 2,994,303
SATELLITE INDUSTRIES, INC. 2,995,851
SATO, KAZUHIDE 2,994,822
SATO, NORIKO 2,994,822
SATO, RYO 2,995,554
SATRIA, MEDY 2,994,531
SAXENA, VIPIN 2,994,704
SCANLAN, SEAN F. 2,995,627
SCHAEFFERT, PETER 2,994,691
SCHALL, OTTO F. 2,994,845
SCHLAPFER, MARTIN 2,994,956
SCHLEICHER, ARON 2,994,611
SCHLEIERMACHER, STEPHAN 2,994,602
SCHLOM, JEFFREY 2,994,272
SCHLOM, JEFFREY 2,994,694
SCHLUMBERGER CANADA LIMITED 2,994,261
SCHLUMBERGER CANADA LIMITED 2,994,818
SCHLUMBERGER CANADA LIMITED 2,994,940
SCHMID, MATHIEU 2,996,070
SCHMID, MATHIEU 2,996,080
SCHMIDT, THOMAS 2,994,768
SCHMITT, JEROEN ANTONIUS JOHANNES 2,994,345
SCHMITT, JEROEN ANTONIUS JOHANNES 2,994,347
SCHMITT, JEROEN ANTONIUS JOHANNES 2,994,352
SCHNEIDER, MARTIN 2,994,382
SCHOENHOFEN, IAN C. 2,995,863
SCHOMBURG, KENNETH V. 2,995,851
SCHRADE, STEPHAN 2,995,638
SCHREYER, LUCAS 2,994,788
SCHRIER, RUSSELL W. 2,994,524
SCHRIMPF, THOMAS 2,981,470
SCHROEDER, JOCHEN 2,994,399
SCHUELE, GEORG 2,994,799
SCHUH, RICHARD 2,994,979
SCHULTE, NANETTE ELIZABETH 2,994,427
SCHULZ-HANKE, WOLFGANG 2,994,500
SCHWEICH, CYRIL J., JR. 2,995,603
SCHWEIGHOFER, JOHANNES 2,994,485
SCIENTIFIC HOLDINGS, LLC 2,994,266
SCORRANO, LUCIO 2,994,369
SEABAUGH, TAYLOR M. 2,995,965
SEACHANGE DEVELOPMENT, LLC 2,996,131
SECCOMBE, DONALD A. 2,995,805
SEGURA FERNANDEZ, SONIA 2,994,402
SEGURA FERNANDEZ, SONIA 2,994,489
SELLERS, JAMES M. 2,995,930
SENG, MATTHIAS 2,994,338
SENSUS SPECTRUM LLC 2,994,683
SERI-LEVY, ALON 2,996,022
SERRURIER, DOUGLAS C. 2,994,944
SERVANTE, ALASTAIR HUGH 2,996,101
SF INVESTMENTS, INC. 2,995,940
SHAFIEE, HADI 2,995,815
SHAH, DAISY MANISH 2,996,017
SHAH, KALPANA 2,995,709
SHAN, YUANMING 2,995,419
SHANE, ERICA 2,996,007
SHANMUGA, KRISH 2,994,955
SHANUTEC (SHANGHAI) CO., LTD. 2,995,882
SHAPIRO, RICHARD 2,994,420
SHAW, STUART JOHN 2,994,350
SHE, XU 2,994,528
SHE, XU 2,994,534
SHEEHAN, TIMOTHY 2,995,415
SHELKE, DNYANESHWAR EKNATH 2,996,017
SHELL INTERNATIONALE RESEARCH MAARSCHAPPIJ B.V. 2,994,434
SHEN, JUQUN 2,994,425
SHEN, XIAOQIAO 2,995,882
SHEN, YI-TING 2,995,507
SHENZHEN ROYOLE TECHNOLOGIES CO., LTD. 2,995,421
SHEPARD, JOHN T. 2,994,945
SHEPHERD, ELLIOT 2,995,492
SHEPPARD, JEFF 2,995,890
SHI, YUNMING 2,995,494
SHIMIZU, NAOKI 2,995,667
SHIMIZU, TETSUJI 2,994,505
SHINDE, SANDIP 2,995,741
SHINOHARA, TAKAYUKI 2,995,665
SHISHIKURA, JUNICHI 2,995,554
SHIVELY, DAVID 2,994,956
SHORE, COLIN A. 2,995,725
SICPA HOLDING SA 2,996,070

SICPA HOLDING SA 2,996,080
SIDE EFFECTS SOFTWARE INC. 2,995,722
SIDRANSKY, DAVID 2,995,574
SIEGEL, JUSTIN BLOOMFIELD 2,988,651
SIEGMUND, VANESSA 2,994,741
SIESS, THORSTEN 2,995,707
SIKA TECHNOLOGY AG 2,994,907
SILK THERAPEUTICS, INC. 2,992,462
SIMON, SARAH M. 2,994,378
SIMON, SARAH M. 2,994,549
SIMON, SARAH M. 2,994,934
SIMON, SEBASTIAN 2,994,500
SINCLAIR, DAVID 2,995,983
SINGAPORE TECHNOLOGIES DYNAMICS PTE LTD 2,996,110
SINGH, DIPTI 2,996,044
SINGH, JOHN P. 2,994,805
SINTON, STEVEN W. 2,994,378
SINTON, STEVEN W. 2,994,549
SIRCH, MAXIMILIAN 2,996,075
SIRIS MEDICAL, INC. 2,995,473
SIVIGNON, ADELINE 2,994,778
SLADEK, PETR 2,996,037
SLIZ, JOSIAH DANIEL 2,996,000
SLUSHER, BARBARA 2,994,256
SLUSHER, BARBARA 2,994,258
SMAL, OLIVIER 2,988,447
SMART TECHNOLOGIES ULC 2,996,034
SMITH, ERIC 2,994,245
SMITH, ERIC 2,994,937
SMITH, ERIC 2,994,938
SMITH, GALE 2,996,007
SMITH, RANSDALL K. 2,994,812
SMITH, W. BRET 2,995,627
SNAVELY, MARSHALL DAVENPORT 2,994,425
SNELL, DOUGLAS B. 2,995,930
SOCHER, RICHARD 2,994,713
SOGA, TETSUNORI 2,995,835
SOKOLOFF, CONSTANTINE 2,958,397
SOL-GEL TECHNOLOGIES LTD. 2,996,022
SOLBJOR, ALBERT 2,995,612
SOLBJOR, ALBERT 2,995,615
SOLGARD, KURT 2,994,593
SOLOMON, MATTHEW DANIEL 2,996,000
SOMAKA, APARNA 2,994,770
SOMMERER, TIMOTHY JOHN 2,994,528
SOMMERER, TIMOTHY JOHN 2,994,534
SOMMESE, ANTHONY 2,995,975
SONG, BO 2,996,060
SONG, YUNSONG 2,995,613
SONY CORPORATION 2,995,914
SONY INTERACTIVE ENTERTAINMENT INC. 2,995,665
SOOKRAJ, SADESH H. 2,994,395
SOOKRAJ, SADESH H. 2,994,403
SOPKO, MEGAN 2,995,572
SORQVIST, TORBJORN 2,996,076
SOUNDARARAJAN, SRIDHARAN 2,994,417
SOUNDPAYS INC. 2,995,653
SOURCE ROCK ENERGY PARTNERS INC. 2,995,862
SOUTAR-DAWSON, RORY 2,995,436
SOUTER, PHILIP FRANK 2,995,480
SOUTER, PHILIP FRANK 2,995,487
SOUTER, PHILIP FRANK 2,995,488
SOUTER, PHILIP FRANK 2,995,489
SOUTHWIRE COMPANY, LLC 2,995,980
SPATZ, JOACHIM P. 2,994,503
SPILSTEAD, KARA 2,996,062
SPOHN, MICHAEL A. 2,995,398
SPOLEK PRO CHEMICKOU A HUTNI VYROBU, AKCIOVA SPOLECNOST 2,996,037
SPRINT COMMUNICATIONS COMPANY L.P. 2,994,711
SQUIRE, JASON 2,995,653
SR SYSTEMS, LLC 2,994,248
SRIDHARAN, SUDHARSAN 2,994,346
SRINIVASAN, PRASHANT 2,994,531
SRINIVASAN, PRASHANT 2,994,691
ST IP HOLDING AG 2,995,834
ST. JEAN, DONNA L. 2,994,721
STACK, LUKE A. 2,995,511
STAFFEND, GILBERT 2,995,769
STAFFEND, NANCY A. 2,995,769
STAFFEND, NICHOLAS A. 2,995,769
STAHL, DIETMAR 2,994,763
STAHL-BIDINGER, MARKUS 2,994,651
STANFILL, CRAIG W. 2,994,420
STEADYSENSE GMBH 2,994,485
STEED, DANIEL J. 2,994,556
STEFFES, BERND 2,994,505
STEHR, ROLAND 2,994,894
STEPWISE LTD 2,995,825
STERIS INC. 2,995,165
STERN, MATTHEW 2,995,460
STERN, TRAMPAS 2,994,683
STEUERNAGEL, BURKHARD 2,994,714
STEWART, LANCE 2,988,651
STEWART, ROBERT 2,996,101
STEWART, ROSS ANTHONY 2,994,346
STILES, CAMERON A.F. 2,995,845
STOIMENOV, PETER K. 2,994,846
STONE, MICHAEL P. 2,994,723
STONE, ROBERT DE LA TORRE 2,995,598
STOWE WOODWARD LICENSCO, LLC 2,995,504
STRACHAN, MARK 2,995,462
STRAND, ROSS 2,995,494
STREETER, ALEXANDER D. 2,994,536
STROLIN, JOACHIM 2,994,594
STUDIENGESELLSCHAFT KOHLE MBH 2,994,788
STYER, JEREMY 2,991,791
SU, QIBIN 2,995,430
SUDO, USHIO 2,995,910
SUGAE, KIYONOBU 2,995,917
SUMITOMO SEIKA CHEMICALS CO., LTD. 2,995,450
SUMITOMO SEIKA CHEMICALS CO., LTD. 2,995,459
SUN, XIAOBING 2,995,723
SUN, XIAOBING 2,995,726
SUN, YU-CHEN 2,995,507
SUNDARARAMAN, RAMANATHAN 2,994,303
SURBER, KIMBERLY A. 2,994,682
SURJAATMADJA, JIM BASUKI 2,995,448
SUTTIN, ZACHARY B. 2,994,292
SUTTON, GREGG 2,994,262
SUTTON, ROBERT NICHOLAS 2,996,083
SWALES, PETER JAMES 2,995,413
SWANSON, NATHAN 2,994,834
SWANTNER, MICHAEL J. 2,995,398
SWETT, JACOB L. 2,994,378
SWETT, JACOB L. 2,994,549
SWETT, JACOB L. 2,994,664
SWETT, JACOB L. 2,994,934
SWIERAD, SCOTT 2,995,856
SWINETECH, INC. 2,996,010
SWITZER, JACKSON R. 2,994,738
SYMANNEK, ACHIM 2,994,602
SYMBIOCELLTECH, LLC 2,995,599
SYNEDGEN, INC. 2,995,711
SYSTEMS AND SOFTWARE ENTERPRISES, LLC 2,994,559
TAHARA, MASAHIKO 2,996,100
TAI, KAI SHENG 2,994,713
TAKADA, AYATO 2,995,922
TAKAHASHI, EIJI 2,995,667
TAKESHITA, YUKITERU 2,995,917
TAL, ERAN 2,994,814
TALBOT, SEBASTIEN 2,994,545
TAMAKI, KEISUKE 2,995,554
TAMBE, ASHUTOSH 2,994,701
TAN, HAN LEONG 2,996,110
TAN, HONG SOON 2,996,110
TAN, HWEE CHING 2,994,906
TANG, LAN 2,995,423
TANG, YUMEI 2,995,946
TANI, HIROKUNI 2,995,910
TANIGUCHI, MAKIKO 2,995,460
TASLY PHARMACEUTICAL GROUP CO., LTD. 2,995,723
TASLY PHARMACEUTICAL GROUP CO., LTD. 2,995,726
TASMA, ALAIN WIETSE BASTIAAN 2,994,504
TATEYAMA, BEAU SEICHI 2,958,397
TAYLOR, PAUL DAVID 2,994,223
TEETER, JEROLD SCOTT 2,995,626
TEIJIN PHARMA LIMITED 2,995,839
TEMBLADOR, RICHARD MIKE 2,995,980
TEMME, NORA 2,994,763
TENORA, LUKAS 2,994,258
TERIS, MIKAELA 2,995,605
TERMANINI, ZAFER 2,995,820
TERMANINI, ZAFER 2,995,821
TERRAPLASMA GMBH 2,994,505
TERRELL, ROBERT 2,995,405
TEZUKA, ATSUSHI 2,996,100
THAKUR, NANDITA 2,994,770
THALHAUSER, JOSEF 2,994,691
THE BRIGHAM AND WOMEN'S HOSPITAL, INC 2,995,815

Index of PCT Applications Entering the National Phase

THE CHINESE UNIVERSITY OF HONG KONG 2,995,422
THE CURATORS OF THE UNIVERSITY OF MISSOURI 2,995,573
THE GENERAL HOSPITAL CORPORATION - DBA MASS GENERAL HOSPITAL 2,995,233
THE GENERAL HOSPITAL CORPORATION 2,995,578
THE JOHNS HOPKINS UNIVERSITY 2,994,256
THE JOHNS HOPKINS UNIVERSITY 2,994,258
THE JOHNS HOPKINS UNIVERSITY 2,995,827
THE JOHNS HOPKINS UNIVERSITY 2,995,837
THE PENN STATE RESEARCH FOUNDATION 2,995,832
THE PENN STATE RESEARCH FOUNDATION 2,996,051
THE PROCTER & GAMBLE COMPANY 2,994,433
THE PROCTER & GAMBLE COMPANY 2,994,446
THE PROCTER & GAMBLE COMPANY 2,994,448
THE PROCTER & GAMBLE COMPANY 2,994,557
THE PROCTER & GAMBLE COMPANY 2,995,480
THE PROCTER & GAMBLE COMPANY 2,995,484
THE PROCTER & GAMBLE COMPANY 2,995,487
THE PROCTER & GAMBLE COMPANY 2,995,488
THE PROCTER & GAMBLE COMPANY 2,995,489
THE PROCTER & GAMBLE COMPANY 2,995,494
THE REGENTS OF THE UNIVERSITY OF CALIFORNIA 2,988,651
THE REGENTS OF THE UNIVERSITY OF CALIFORNIA 2,994,692
THE REGENTS OF THE UNIVERSITY OF CALIFORNIA 2,995,389
THE REGENTS OF THE UNIVERSITY OF CALIFORNIA 2,995,634
THE REGENTS OF THE UNIVERSITY OF CALIFORNIA 2,995,854
THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK 2,995,750
THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA 2,995,670
THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA 2,995,733
THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA 2,995,849
THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH & HUMAN SERVICES 2,994,272
THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES 2,994,694
THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES 2,994,822
THE WISTAR INSTITUTE OF ANATOMY AND BIOLOGY 2,995,586
THEIS, WINFRIED 2,994,434
THELEN, JAY 2,995,573
THOMAS, ABRAHAM 2,996,017
THOMAS, CHRISTIAN 2,994,636
THOMAS, EUGENE R. 2,994,864
THOMAS, JOHN CHRISTOPHER 2,994,236
THOMAS, JOHN CHRISTOPHER 2,994,284
THOMPSON, GUY ROBERT, II 2,996,000
THOMPSON, ROBERT, JR. 2,995,841
THREEBOND CO., LTD. 2,995,835
THURSTON, GAVIN 2,994,245
TIAN, JING-HUI 2,996,007
TIEN, DUNG NGUYEN 2,994,814
TIGUE, NATALIE JO 2,994,346
TILLBERG, PAUL WARREN 2,994,957
TILLEY, DAVID JON 2,994,562
TIMPERIO, LOUIS O. 2,994,847
TINBERG, CHRISTINE ELAINE 2,988,651
TINDALL CORPORATION 2,995,640
TINO, JOSEPH 2,994,717
TIWARI, VIVEKANAND 2,995,826
TM4 INC. 2,995,609
TND 2,994,636
TOCCI, CHRISTOPHER 2,995,615
TOFANT, TADEJ 2,995,809
TOH, CHEE HWEE 2,996,110
TOLEDANO, OFER 2,996,022
TOLMAR INTERNATIONAL LIMITED 2,994,704
TOMBE, TOSHIHIRO 2,988,370
TORRENS, R. LEE 2,995,845
TOSSENS, HERVE 2,994,603
TOYO SEIKAN CO., LTD. 2,995,447
TOYO SEIKAN GROUP HOLDINGS, LTD. 2,995,447
TRABANCO-SUAREZ, ANDRES AVELINO 2,995,161
TRANS-TEXTIL GMBH 2,994,755
TRANSWORLD HOLDINGS PCC LIMITED (S1 TECHNOLOGY CELL) 2,996,145
TREACE MEDICAL CONCEPTS, INC. 2,995,627
TREACE, JOHN T. 2,995,627
TRIANNI, INC. 2,995,717
TRIOMED AB 2,996,071
TROJAN TECHNOLOGIES 2,995,861
TRUSTEES OF BOSTON UNIVERSITY 2,995,716
TSE, EDWARD 2,996,034
TSUCHIYA, TERUMASA 2,996,100
TUFTS UNIVERSITY 2,995,233
TUGGLE, JAMES PHILLIP 2,995,980
TULAPURKAR, CHETAN S. 2,994,691
TUMAS, DANIEL 2,994,265
TUOHY, PATRICK SEAN 2,996,000
TURBERG, ANDREAS 2,994,604
TURGIS, RAPHAEL 2,994,636
TURKSTRA, JOHAN 2,994,214
TURNER, JOSEPH L. 2,995,405
TURNER, MATTHEW 2,994,770
TWIZEYIMANA, MATHIAS 2,995,596
TWO BLADES FOUNDATION 2,994,714
TYRRELL, WILLIAM FREDERICK 2,995,413
TYSON, CHRISTOPHER 2,995,504
TZENG, HENRY H. 2,994,961
UNGER, JOHN JOSEPH 2,995,954
UNITEC S.P.A. 2,994,765
UNITED STATES GYPSUM COMPANY 2,994,689
UNITED STATES GYPSUM COMPANY 2,994,947
UNITRON NV 2,995,989
UNIVERSITAT ZURICH 2,994,353
UNIVERSITE CLERMONT AUVERGNE 2,994,778
UNIVERSITE DE CHAMBERY 2,994,636
UNIVERSITE DE MONTPELLIER 2,994,636
UNIVERSITE DE NANTES 2,994,778
UNIVERSITY OF TASMANIA 2,996,062
UNIVERSITY OF WASHINGTON 2,988,651
VACANTI, JOSEPH P. 2,995,578
VACHA, JOHN F. 2,995,612
VACHA, JOHN F. 2,995,615
VACHAL, PETR 2,994,720
VALENCIA, JAIME A. 2,994,812
VALERION THERAPEUTICS, LLC 2,995,673
VAN BELZEN, RUUD 2,994,225

VAN BESOUW, BASTIAAN HUBERTUS 2,995,413
VAN BOEYEN, ROGER 2,994,962
VAN BRANDT, SVEN FRANCISCUS ANNA 2,995,161
VAN DEN BERG, ERIC 2,994,355
VAN DEN BERG, RENE 2,994,915
VAN DER KNAAP DIENSTEN B.V. 2,994,400
VANDER ELST, LUC 2,995,771
VANDER HELM, WARREN C. 2,994,941
VANHIEL, BRIAN 2,995,820
VANHIEL, BRIAN 2,995,821
VASBINDER, MELISSA MARIE 2,995,430
VASSEUR, CARLOS 2,996,079
VAUGHN, SHANNON 2,995,486
VECTORBLOC CORP. 2,995,397
VELASQUEZ, JUAN ESTEBAN 2,994,433
VELASQUEZ, JUAN ESTEBAN 2,994,448
VELASQUEZ, JUAN ESTEBAN 2,994,557
VELASQUEZ, JUAN, ESTEBAN 2,994,446
VELTEN, SIMON 2,994,595
VENKATARAMANI, LALITHADEVI 2,994,770
VENTANA MEDICAL SYSTEMS, INC. 2,994,911
VENTRE, STEPHEN 2,995,741
VERACODE, INC. 2,990,611
VERBERNE, JEFF 2,996,074
VEST, RYAN W. 2,995,828
VIAENE, DAVY 2,995,989
VICENTE, BRIAN CHRISTOPHER 2,994,846
VIDAL, BERNARDO, JR. 2,995,423
VIELLIARD, ANTOINE 2,994,955
VIENOT, MICHAEL E. 2,996,081
VIEWSIQ INC. 2,995,719
VILAPLANA, FRANCISCO 2,988,828
VIRIEUX, DAVID 2,994,636
VITALE, GIANNI 2,994,495
VITYUK, ARTEM 2,995,456
VIVINT, INC. 2,994,761
VOCERA COMMUNICATIONS, INC. 2,994,956
VOGEL, DAVID L. 2,994,941
VOGT, DEREK ALAN 2,996,031
VOIGT, EDELFRIED 2,994,348
VON AVENARIUS, WOLFGANG 2,994,651
VON MALTZAHN, GEOFFREY A. 2,994,430
VORDERBRUGGEN, MARK A. 2,994,960
VOS, ANDREW D. 2,994,807
VOTEL, RONNY 2,994,966
VOYER, NORMAND 2,996,077
WABL, MATTHIAS 2,995,717
WABNEGGER, DAVID KARL 2,995,402
WAGENHEIM, CHRISTOPH 2,994,563
WAGNER, BRENT KARL 2,995,368
WAGNER, THOMAS E. 2,995,454
WAKASU, YUTAKA 2,995,917
WALENSKY, LOREN D. 2,995,479
WALKDEN, ALFRED BRUCE 2,996,083
WALTHER, ANDREAS 2,994,382
WALTON, JOHN 2,995,861
WALTON, ZACHARY WILLIAM 2,995,682
WALTON, ZACHARY WILLIAM 2,995,685
WALWORTH, VAN T. 2,994,248
WANG, CHENG-I 2,994,906
WANG, DONGYUE 2,995,426
WANG, HUAMAO 2,996,060
WANG, JASON Y. 2,994,815
WANG, LIANG 2,995,723
WANG, LIANG 2,995,726
WANG, NINGJUAN 2,995,892
WANG, PENG 2,996,060
WANG, QINZHI 2,995,729
WANG, SHUJUAN 2,995,805
WANG, XIAOYU 2,995,882
WANG, YIN 2,995,582
WARREN, JEREMY B. 2,994,761
WARREN, WESLEY JOHN 2,996,055
WARRIAN, KEVIN 2,995,546
WASSIE, ASMAMAW 2,994,958
WASSON, KEVIN LEE 2,994,236
WASSON, KEVIN LEE 2,994,284
WATANABE, MUNEMITSU 2,996,100
WATSON, BARRY 2,996,074
WATSON, SEAN 2,996,074
WAYNE FUELING SYSTEMS SWEDEN AB 2,994,646
WEATHERFORD TEHCNOLOGY HOLDINGS, LLC 2,994,270
WEI, XIAOLIN 2,996,009
WEITZER, THOMAS 2,992,940
WELCH, JEFFREY M. 2,994,262
WELSH, MATTHEW 2,994,831
WEMMERT, MARLENE 2,994,646
WEN, NORMAN 2,996,000
WENDT, DANIEL J. 2,994,280
WENTINK, JESPER WILHELMUS 2,994,434
WESTENFELDER, CHRISTOF 2,995,599
WESTINGHOUSE AIR BRAKE TECHNOLOGIES CORPORATION 2,995,493
WHALEN, MICHAEL 2,995,233
WHEELER, JERALD 2,995,741
WHITE, DONALD JAMES, JR. 2,995,494
WHITE, KEVIN 2,995,721
WHITTIER, MICHAEL C. 2,996,068
WHOLEY, JOSEPH SKEFFINGTON 2,994,408
WIDEGREN, MICHAEL 2,994,897
WIDENBRANT, MARTIN J. 2,995,965
WIEDENMANN, ALEXANDER 2,988,831
WIESMANN, WILLIAM P. 2,995,711
WILCKE, DAVID 2,994,604
WILFRIED, CARL 2,994,907
WILKINS, JAMES 2,995,721
WILLIAMS, DEREK 2,994,546
WILLIAMS, DEREK RAY 2,994,227
WILLOT, MATTHIEU 2,994,604
WILSON ELECTRONICS, LLC 2,994,863
WILSON ELECTRONICS, LLC 2,994,870
WILSON, DENNIS RAY 2,995,583
WILSON, GLENN ANDREW 2,995,449
WILSON, JAMES M. 2,995,733
WILSON, JAMES M. 2,995,849
WILSON, KEVIN J. 2,994,819
WILSON, MATTHEW 2,995,733
WILSON, MATTHEW 2,995,849
WILSON, MICHAEL B. 2,994,960
WILT, NICHOLAS PATRICK 2,994,701
WINSHTEIN, RONNY 2,995,825
WINSTON, JOSEPH RHOADS 2,994,559
WINTER, GEORG 2,994,969
WINTER-HOLT, JON JAMES 2,995,430
WIREKO, FRED CHRISTIAN 2,994,433
WIREKO, FRED CHRISTIAN 2,994,446
WIREKO, FRED CHRISTIAN 2,994,448
WIREKO, FRED CHRISTIAN 2,994,557
WIRTH, EDWARD D., III 2,995,634
WISNIEWSKI, DANIEL 2,996,141
WITEK, KAMIL 2,994,714
WITYAK, JOHN 2,995,847
WOBBEN PROPERTIES GMBH 2,994,348
WOESSNER, RICHARD DONALD 2,995,430
WOLDERMARIAM, MELAKU MULUNEH 2,995,670
WOLF, CLANCEY 2,988,651
WONG, TERRY WAYNE 2,994,529
WOOD, PATRICK 2,995,721
WOODALL, KRISTINA M. 2,995,572
WOOLF, CLIFFORD J. 2,994,545
WOOSLEY, JAMES 2,994,852
WORCESTER POLYTECHNIC INSTITUTE 2,995,616
WOUTTERS, STEVE ANDRE 2,994,373
WRIGHT, JOE 2,996,034
WU, DEDONG 2,995,430
WU, DI 2,994,726
WU, HSU-HSIANG 2,995,946
WU, JIYE 2,995,419
WULFF, BRANDE 2,994,714
XI'AN UNIVERSITY OF TECHNOLOGY 2,995,500
XI, WENJIN 2,996,057
XIAO, HAI-YUN 2,994,703
XIAO, HAI-YUN 2,994,717
XING, YAOWEN 2,995,426
XIONG, CAIMING 2,994,713
XU, DECHAO 2,995,720
XU, JUN 2,995,504
XU, WEN 2,996,018
XU, ZHIYUE 2,994,939
XUE, XIN 2,995,892
YABUGUCHI, HIROKI 2,995,459
YADAV, DEEPAK 2,994,849
YAKOVLEV, GEORGIY 2,994,814
YAMADA, HIROSHI 2,995,554
YAMAMOTO, YUICHIRO 2,995,917
YAMANAKA, YVONNE J. 2,994,430
YAMAURA, TOMOYA 2,995,914
YAN, KAIJING 2,995,723
YAN, KAIJING 2,995,726
YANEZ PACIOS, ANDRES JESUS 2,994,402

YANG, JIANMING 2,995,466
YANG, KONGSHENG 2,991,791
YANG, LIN 2,995,460
YANG, MINJUN 2,995,466
YANG, SIYIN 2,994,814
YANG, WENZHAN 2,995,430
YANG, ZILI 2,995,426
YAP, CLARENCE 2,994,280
YARA INTERNATIONAL ASA 2,994,225
YE, DINGDING 2,995,419
YE, HUI 2,994,853
YEDA RESEARCH AND DEVELOPMENT CO. LTD. 2,995,826
YEH, CHEN-HSIUNG 2,995,468
YEO, SIOK PING 2,994,906
YERKES, CARLA N. 2,995,705
YI, SANG HO 2,995,464
YING, JIANGWEI 2,995,514
YIP, YVONNE YEE MAI 2,994,428
YONEZAWA, KOICHI 2,995,554
YONG, RICHARD 2,995,594
YORGASON, BRANDON 2,995,862
YOSHIDA, REIKO 2,995,922
YOSHINO GYPSUM CO., LTD. 2,995,910
YOUNG, LESLEY LYNN 2,994,346
YPMA, ROLF ERIK 2,995,580
YU, CHAO 2,994,524
YU, CHIH-CHIEH 2,994,957
YU, KUO-LONG 2,994,428
YUAN, FANG 2,995,613
YUAN, JIANDONG 2,995,613
YUN, CHANGHAN HOBIE 2,994,820
ZALAI, DENES 2,994,611
ZAVITZ, BRYANT 2,995,640
ZAWARE, NILESH 2,994,830
ZEPP, WILLIAM L. 2,995,569
ZHANG, BO 2,996,057
ZHANG, DI 2,994,528
ZHANG, DI 2,994,534
ZHANG, GAO 2,995,586
ZHANG, JINTAO 2,996,018
ZHANG, JIXIN 2,995,419
ZHANG, LEZI 2,994,853
ZHANG, LIJIA 2,995,514
ZHANG, PEILIANG 2,947,837
ZHANG, PING 2,995,599
ZHANG, XIAOYU 2,995,133
ZHANG, XIMENG 2,995,419
ZHANG, XINGJUN 2,994,770
ZHANG, YANFENG 2,995,133
ZHANG, YI 2,995,868
ZHANG, YI 2,995,869
ZHANG, YI 2,995,871
ZHANG, YI 2,995,875
ZHANG, YI 2,995,894
ZHANG, YI 2,995,899
ZHANG, YI 2,995,904
ZHANG, YI 2,995,908
ZHANG, YI 2,995,912
ZHANG, YI 2,995,916
ZHANG, YI 2,995,918
ZHANG, YI 2,995,919
ZHANG, YI 2,995,920
ZHANG, YI 2,995,921
ZHANG, YIFU 2,996,009
ZHANG, YIHUA 2,994,978
ZHANG, YIHUA 2,994,981
ZHANG, YIHUA 2,994,984
ZHANG, YONGLIANG 2,995,466
ZHANG, YULIAN 2,994,819
ZHANG, ZHIBIN 2,995,746
ZHANG, ZHIHUI 2,994,939
ZHAO, SHUKUI 2,995,844
ZHAO, YUSHENG 2,995,720
ZHONG, YUXIANG 2,994,723
ZHOU, JUN 2,995,466
ZHOU, RUI 2,994,528
ZHOU, RUI 2,994,534
ZHOU, XUEFENG 2,995,275
ZHU, WENTING 2,995,882
ZIMMERMAN, STEVE 2,994,248
ZIMMERMANN, TRACY 2,994,285
ZOGGELER, KLAUS 2,992,940
ZOU, PO 2,995,133
ZOUANI, OMAR F. 2,995,749
ZOUANI, OMAR F. 2,995,751
ZOUANI, OMAR F. 2,995,753
ZUCCOLO, JONATHAN 2,995,605
ZWAGA, RONALD 2,994,504
ZWARTJENS, PRISCILLA 2,994,355

Index of Canadian Divisional and Previously Unavailable Applications Open to Public Inspection

Index des demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant

AFINITI INTERNATIONAL HOLDINGS, LTD. 2,993,375
AFINITI INTERNATIONAL HOLDINGS, LTD. 2,993,380
AG SHIELD LTD. 2,993,730
ALTHOFF, CHARLES P. 2,993,710
AMAZON TECHNOLOGIES, INC. 2,993,839
AMAZON TECHNOLOGIES, INC. 2,995,620
ANDERSON, NICHOLAS 2,994,889
ARMSTRONG, JOSEPH R. 2,995,059
ARRIS ENTERPRISES LLC 2,993,717
ASCENSIA DIABETES CARE HOLDINGS AG 2,995,083
ASCENSIA DIABETES CARE HOLDINGS AG 2,995,269
ASTELY, DAVID 2,994,007
AULD, JAMES 2,995,532
AVENT, INC. 2,995,236
AVILES MARIN, PABLO MANUEL 2,995,033
BALDEMAIR, ROBERT 2,994,007
BALESTRACCI, ERNEST 2,994,134
BANDIS, STEVEN 2,995,411
BARTKOWIAK, MIROSLAW 2,995,232
BATTERSON, BENJAMIN 2,993,694
BEAUJOT, NORBERT 2,993,531
BECTON DICKINSON AND COMPANY 2,995,232
BENDER, CHRISTOPHER LYLE 2,994,493
BLACKBERRY LIMITED 2,993,726
BLACKBERRY LIMITED 2,994,493
BLEILE, JOHN 2,995,532
BOURGEOIS, JEAN-RAYMOND 2,995,683
BRACCO DIAGNOSTICS INC. 2,994,134
BRANSON, RICHARD WILLIAM 2,995,784
BRAUER, JACOB S. 2,995,083
BRAUER, JACOB S. 2,995,269
BROWN, DARREN 2,995,083
BROWN, DARREN 2,995,269
CABEZA-GUILLEN, JESUS MIGUEL 2,994,490
CAMPBELL, ROBERT L. 2,995,232
CANADIAN NATIONAL RAILWAY COMPANY 2,995,532
CARL ZEISS VISION GMBH 2,994,490
CARLSSON, PONTUS 2,992,917
CARRUTHERS, ERIN GOOCH 2,995,232
CASTILLO-EFFEN, MAURICIO 2,995,259
CHAMP, PETER 2,995,219
CHAMP, PETER 2,995,224
CHEN, CHEN 2,995,784
CHEN, JUN 2,995,083
CHEN, JUN 2,995,269
CHILDS, JACOB S. 2,994,134
CHISHTI, ZIA 2,993,375
CHISHTI, ZIA 2,993,380
CHOI, JIN SOO 2,994,615
CHOI, JIN SOO 2,994,619
CHOI, JIN SOO 2,994,621
CHOI, JIN SOO 2,994,623
CHOI, JIN SOO 2,994,625
CHOI, KWANG-PYO 2,995,095
COHEN, ERICA EDEN 2,993,710
CONTRA VISION LTD. 2,991,344
COSGROVE, MATHEW A. 2,994,607
COVIDIEN LP 2,995,281
CRAWFORD, RYAN 2,992,901
CULLY, EDWARD H. 2,995,059
CURRY, ADAM C. 2,995,232
D'ESTE, MATTEO 2,995,610
DAIS, BRIAN C. 2,993,710
DANHOF, SCOTT N. 2,995,232
DARST, DANIEL D. 2,994,134
DAVIS, MARK FRANKLIN 2,992,065
DEBAD, JEFFERY 2,994,889
DELEMOS, JEAN-PAUL 2,995,219
DELEMOS, JEAN-PAUL 2,995,224
DELIEGE, FRANCOIS CLAUDE FABIEN JEAN JULES 2,995,784
DESFORGES, LAURENT 2,995,219
DESFORGES, LAURENT 2,995,224
DICKMAN, JEFF 2,994,607
DJO, LLC 2,993,694
DOLAN, KEVIN G. 2,995,232
DOLBY INTERNATIONAL AB 2,992,917
DOLBY INTERNATIONAL AB 2,995,461
DOLBY LABORATORIES LICENSING CORPORATION 2,992,065
DOLBY LABORATORIES LICENSING CORPORATION 2,992,935
DOLBY LABORATORIES LICENSING CORPORATION 2,995,461
DUNCAN, JEFFREY B. 2,995,059
DUNK, CRAIG A. 2,993,726
DUPERON INNOVATION, LLC 2,995,410
DUPERON, TERRY L. 2,995,410
DUPORTAL, THIBAULT 2,995,219
DUPORTAL, THIBAULT 2,995,224
DUREL, WILLIAM J. 2,993,788
ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE 2,994,615
ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE 2,994,619
ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE 2,994,621
ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE 2,994,623
ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE 2,994,625
EMMEL, KEITH 2,992,901
EMPL, GUNTER 2,992,757
ESTIMATICS IN THE FOURTH DIMENSION, LLC 2,993,788
FACEBOOK, INC. 2,995,784
FAGIANO, GIANCARLO 2,976,110
FALLOWS, ERIC A. 2,995,232
FAMECHON, JEAN-LUC 2,995,219
FAMECHON, JEAN-LUC 2,995,224
FERGUSON, ANDREW 2,995,533
FERGUSON, F. MARK 2,995,411
FERRARI, PAUL 2,995,219
FERRARI, PAUL 2,995,224
FIDIA FARMACEUTICI S.P.A. 2,995,610
FRANKLIN, PAUL DAVID 2,993,839
FYKE, STEVEN HENRY 2,994,493
GALMARINI, CARLOS MARIA 2,995,033
GAMPERLING, MICHAEL 2,994,490
GARCIA FERNANDEZ, LUIS FRANCISCO 2,995,033
GENERAL ELECTRIC COMPANY 2,995,259
GENNARI, GIOVANNI 2,995,610
GERENT, JERRY 2,995,219
GERENT, JERRY 2,995,224
GILMOUR, SEAN 2,990,808
GLEZER, ELI N. 2,994,889
GODDEN, MARK DAVID 2,991,344
GORELICK, DONALD E. 2,995,232
GRIFFIN, JASON TYLER 2,994,493
GUILLEN NAVARRO, MARIA JOSE 2,995,033
GUNAWARDENA, SANJEEV 2,994,607
GUPTA, ANURAG WINDLASS 2,995,620
HAN, WOO-JIN 2,992,235
HANSEN, MARK Y. 2,995,059
HAUBERT, THOMAS D. 2,995,232
HEIDRICH, WOLFGANG 2,992,935
HEXAGON TECHNOLOGY CENTER GMBH 2,995,219
HEXAGON TECHNOLOGY CENTER GMBH 2,995,224
HILL, GEORGE ROLAND 2,991,344

Index of Canadian Divisional and Previously Unavailable Applications Open to Public Inspection

HITCHCOCK, ROBERT 2,995,411
HONG, DONGMEI 2,995,219
HONG, DONGMEI 2,995,224
HORN, JONATHAN DAVID 2,993,710
HORSLEY, JAMES 2,993,839
HOWLETT, MICHAEL 2,995,411
HUANG, HAIYONG HUGH 2,991,217
HUAWEI TECHNOLOGIES CO., LTD. 2,994,705
HUDSON, EDISON T. 2,988,431
HUNT, PETER WILLIAM 2,995,784
INDUSTRY-UNIVERSITY COOPERATION FOUNDATION KOREA AEROSPACE UNIVERSITY 2,994,615
INDUSTRY-UNIVERSITY COOPERATION FOUNDATION KOREA AEROSPACE UNIVERSITY 2,994,619
INDUSTRY-UNIVERSITY COOPERATION FOUNDATION KOREA AEROSPACE UNIVERSITY 2,994,621
INDUSTRY-UNIVERSITY COOPERATION FOUNDATION KOREA AEROSPACE UNIVERSITY 2,994,623
INDUSTRY-UNIVERSITY COOPERATION FOUNDATION KOREA AEROSPACE UNIVERSITY 2,994,625
ISHIHARA SANGYO KAISHA, LTD. 2,995,175
JOHNSON, JEFF 2,990,808
K-FEE SYSTEM GMBH 2,992,757
KAN, ITTAI 2,993,375
KAN, ITTAI 2,993,380
KARPENKO, ALEXANDRE 2,995,784
KATES, RICHARD 2,995,083
KATES, RICHARD 2,995,269
KESSLER, JACK 2,995,232
KETELHOHN, ROBERT 2,993,694
KIM, CHAN-YUI 2,993,866
KIM, CHAN-YUL 2,995,095
KIM, HUI YONG 2,994,615
KIM, HUI YONG 2,994,619
KIM, HUI YONG 2,994,621
KIM, HUI YONG 2,994,623
KIM, HUI YONG 2,994,625
KIM, IL-KOO 2,992,235
KIM, JAE GON 2,994,615
KIM, JAE GON 2,994,619
KIM, JAE GON 2,994,621
KIM, JAE GON 2,994,623
KIM, JAE GON 2,994,625
KIM, JAE-HYUN 2,993,866
KIM, JIN WOONG 2,994,615
KIM, JIN WOONG 2,994,619
KIM, JIN WOONG 2,994,621
KIM, JIN WOONG 2,994,623
KIM, JIN WOONG 2,994,625
KLASSEN, GERHARD D. 2,993,726
KONDO, KENJI 2,994,002
KRAMER, GREGORY S. 2,995,232
KRAUSE, ERIC J. 2,994,134
KRIEGER, MICHEL 2,995,784
KRUGER, MARC 2,992,757
KUBITZA, MATTHIAS 2,994,490
KUMAR, SUDEEP 2,994,889
KURODA, MELODY M. H. 2,995,232
LAWRENCE, NOEL 2,994,889
LEE, JIN HO 2,994,615
LEE, JIN HO 2,994,619
LEE, JIN HO 2,994,623
LEE, JIN HO 2,994,625
LEE, SANG YONG 2,994,615
LEE, SANG YONG 2,994,619
LEE, SANG YONG 2,994,621
LEE, SANG YONG 2,994,623
LEE, SANG YONG 2,994,625
LEIBER, HARRIS 2,995,083
LEIBER, HARRIS 2,995,269
LEJEUNE, ARMAND 2,976,110
LENTZ, AMMON DAVID 2,995,232
LEVIN, JENNIFER M. 2,995,083
LEVIN, JENNIFER M. 2,995,269
LIAO, HONGWEI 2,995,259
LIEBMANN-VINSON, ANDREA 2,995,232
LIM, SUNG CHANG 2,994,615
LIM, SUNG CHANG 2,994,619
LIM, SUNG CHANG 2,994,621
LIM, SUNG CHANG 2,994,623
LIM, SUNG CHANG 2,994,625
LIPPUNER, HEINZ 2,995,219
LIPPUNER, HEINZ 2,995,224
LIU, ZEXIN 2,994,705
LIVINGSTON, DWIGHT 2,995,232
LIZZI, MICHAEL JUSTIN 2,995,232
LOCKHART, ARTIS R. 2,995,232
LOKHANDE, VISHAL N. 2,994,134
LOVETTE, SPENCER 2,995,232
LSI SOLUTIONS, INC. 2,995,496
LY, BUMLIM 2,993,710
MARSHALL, MICHAEL L. 2,995,232
MASSENGALE, ROGER DILLARD 2,995,236
MCALISTER, GRANT A.M. 2,993,839
MCCREA, DAVID G. 2,993,730
MCCREA, THOMAS E. 2,993,730
MCWEENEY, JOHN 2,995,281
MERCER, JAMES 2,995,411
MERIT MEDICAL SYSTEMS, INC. 2,995,411
MESO SCALE TECHNOLOGIES, LLC 2,994,889
MIAO, LEI 2,994,705
MICROSOFT TECHNOLOGY LICENSING, LLC 2,990,808
MIN, JUNG-HYE 2,992,235
MONEO OCANA, VICTORIA 2,995,033
MONROS, SERGE V. 2,995,700
MONTGOMERY, WILLIAM D. 2,995,059
MOSS, N. RYAN 2,992,901
MUGAN, JOHN 2,995,281
MUNDT, HARALD H. 2,995,461
MURPHY, BRIAN 2,995,281
MUSALIAR, IMTIAZ A. 2,993,710
MUTALIK, VENKATESH G. 2,993,717
NIELSEN, MATTHEW CHRISTIAN 2,995,259
NIKOOYEH, KASRA 2,995,532
NILSSON, MATS 2,995,485
NISHIMURA, AKIHIRO 2,995,175
NOEL, LLOYD 2,988,431
NORTHROP GRUMMAN GUIDANCE AND ELECTRONICS COMPANY, INC. 2,994,607
NYGREN, PER 2,995,485
OGAWA, MUNEKAZU 2,995,175
OJALA, JEFFREY S. 2,995,232
OLSON, JAMES R. 2,988,667
ONO DIT BIOT, SYLVAIN 2,976,110
OPTIS WIRELESS TECHNOLOGY, LLC 2,994,007
PACE, ZACHARY 2,990,808
PAGE, KENNETH 2,994,889
PAN, ZHONGGUANG 2,950,854
PANACEA BIOMATX, INC. 2,988,431
PARK, JEONG-HOON 2,993,866
PARK, JEONG-HOON 2,995,095
PARK, UN KI 2,994,615
PARK, UN KI 2,994,619
PARK, UN KI 2,994,621
PARK, UN KI 2,994,623
PARK, UN KI 2,994,625
PARK, YOUNG-O 2,995,095
PHARMA MAR, S.A. 2,995,033
PORCHIA, JOSE 2,993,710
PREFONTAINE, AMANDA 2,995,532
PRESCOTT, JAMES A. 2,995,232
PURDUE PHARMA L.P. 2,991,217
PURNHAGEN, HEIKO 2,992,917
QI, FENGYAN 2,994,705
QIN, ZHONGBIN 2,993,854
QUIRICO, CHARLES R. 2,994,134
RICHART, OLIVIER 2,995,536
RICHART, OLIVIER 2,995,545
RIEDMILLER, JEFFREY C. 2,995,461
RITCHEY, ERNIE 2,995,232
ROSE, SCOTT DOUGLAS 2,994,493
ROUX, DENNY 2,995,219
ROUX, DENNY 2,995,224
S.C. JOHNSON & SON, INC. 2,993,710
SAMSUNG ELECTRONICS CO., LTD. 2,992,235
SAMSUNG ELECTRONICS CO., LTD. 2,993,866
SAMSUNG ELECTRONICS CO., LTD. 2,995,095
SANTAMARIA NUNEZ, GEMA 2,995,033
SASIDHARAN, MANIKANDAN 2,993,694
SAUDI ARABIAN OIL COMPANY 2,995,482
SAUDI ARABIAN OIL COMPANY 2,995,530

Index des demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant

SAUER, JUDE S. 2,995,496
SCHEMMANN, MARCEL F. 2,993,717
SCHUG, MICHAEL 2,995,461
SCHULTZ, ROGER L. 2,995,533
SCHWARTZ, AMY L. 2,995,083
SCHWARTZ, AMY L. 2,995,269
SEA FOOD CONTAINER MANUFACTURE 2,976,110
SEBRA, DAVID S. 2,995,232
SEEDMASTER MANUFACTURING LTD. 2,993,531
SEETZEN, HELGE 2,992,935
SEGOTA, DARKO 2,995,700
SEIXEIRO, STEVE 2,990,808
SELENIUM MEDICAL 2,995,536
SELENIUM MEDICAL 2,995,545
SHAMMAS, ELIE 2,995,219
SHAMMAS, ELIE 2,995,224
SHETH, RAJESH SUDHAKER 2,993,839
SHORTWAY, NICHOLAS PATRICK 2,995,784
SIEBENS, LEVI 2,990,808
SIERCKS, KNUT 2,995,219
SIERCKS, KNUT 2,995,224
SIGAL, GEORGE 2,994,889
SIVASUBRAMANIAN, SWAMINATHAN 2,993,839
SOLOMON, DONALD D. 2,995,411
SOMERVILLE, RANDY J. 2,995,232
SONY CORPORATION 2,993,854
SONY CORPORATION 2,994,002
STANGER, DEREK 2,995,532
STARK, TIMOTHY D. 2,993,710
SVMTECH, LLC 2,995,700
SWEENEY, SHAYNE MIKEL 2,995,784
SWENSON, ROLF E. 2,994,134
TAIT, HOGAR 2,995,219
TAIT, HOGAR 2,995,224
TALMER, MARK A. 2,995,232
TANAKA, JUNICHI 2,994,002
TELEFLEX MEDICAL INCORPORATED 2,988,667
TENG, YANMEI 2,950,854
TERRY, WENDY J. 2,995,059
THOMAS, DOUGLAS 2,993,788
THOMAS, STEVEN D. 2,993,788
THRU TUBING SOLUTIONS, INC. 2,995,533
TRADING TECHNOLOGIES INTERNATIONAL, INC. 2,994,310
TUBBS, KEN 2,990,808
ULRICH, M. SCOTT 2,995,232
VALINGE INNOVATION AB 2,995,485
VAN DER BOGERT, GILES 2,990,808
VILLEMOES, LARS 2,992,917
W.L. GORE & ASSOCIATES, INC. 2,995,059
WARD, GREGORY JOHN 2,992,935
WATSON, BROCK W. 2,995,533
WEIDEMAIER, KRISTIN 2,995,232
WEISENBERGER, PAMELA J. 2,993,710
WEST, ROBERT A. 2,994,310
WEST, SHARON 2,994,889
WHITE, JESSE 2,995,532
WHITEHEAD, LORNE A. 2,992,935
WING ENTERPRISES, INC. 2,992,901
WOLTERS, MARTIN 2,995,461
WOODLEY, MICHAEL 2,995,410
WOODLEY, WENDY DALE 2,995,232
WORMALD, CHRISTOPHER R. 2,993,726
YANG, YUNLAI 2,995,482
YANG, YUNLAI 2,995,530
YAO, RAYMOND 2,995,083
YAO, RAYMOND 2,995,269
YONG, LEE JIN HO 2,994,621
YURTH, DAVID G. 2,995,700